Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
Data File : BP021489.D
Acq On : 13 Aug 2024 19:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081324

Quant Time: Aug 14 00:10:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	443421	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	2000407	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	1334240	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	2538103	20.000	ng	0.00
76) Chrysene-d12	21.716	240	1932921	20.000	ng	0.02
86) Perylene-d12	25.121	264	2127555	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	2413201	80.810	ng	0.00
7) Phenol-d6	6.964	99	3740158	85.856	ng	0.00
23) Nitrobenzene-d5	8.958	82	3463320	89.361	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1239599	83.477	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	6875867	78.649	ng	0.00
79) Terphenyl-d14	19.986	244	8578102	86.216	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	537338	37.948	ng	100
3) Pyridine	3.705	79	1598732m	40.445	ng	
4) n-Nitrosodimethylamine	3.617	42	478013	40.233	ng	100
6) Aniline	7.128	93	1811514	41.596	ng	100
8) 2-Chlorophenol	7.375	128	1167341	42.300	ng	99
9) Benzaldehyde	6.946	77	1127798	40.434	ng	99
10) Phenol	6.993	94	1922019	42.607	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	1585750	41.543	ng	100
12) 1,3-Dichlorobenzene	7.699	146	1300530	39.674	ng	99
13) 1,4-Dichlorobenzene	7.840	146	1309606	39.564	ng	99
14) 1,2-Dichlorobenzene	8.158	146	1271884	39.873	ng	99
15) Benzyl Alcohol	8.034	79	1390052	44.472	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	1471975	41.875	ng	99
17) 2-Methylphenol	8.234	107	1245871	43.687	ng	100
18) Hexachloroethane	8.893	117	540967	40.755	ng	99
19) n-Nitroso-di-n-propyla...	8.611	70	1303123	43.304	ng	99
20) 3+4-Methylphenols	8.563	107	1724643	44.850	ng	98
22) Acetophenone	8.622	105	2454249	39.936	ng	98
24) Nitrobenzene	8.999	77	1820293	43.244	ng	98
25) Isophorone	9.516	82	3726496	40.700	ng	100
26) 2-Nitrophenol	9.705	139	501343	47.780	ng	99
27) 2,4-Dimethylphenol	9.758	122	930478	41.179	ng	99
28) bis(2-Chloroethoxy)met...	10.005	93	2260063	40.438	ng	99
29) 2,4-Dichlorophenol	10.240	162	1159801	43.442	ng	99
30) 1,2,4-Trichlorobenzene	10.458	180	1339874	39.146	ng	97
31) Naphthalene	10.646	128	4141293	39.629	ng	99
32) Benzoic acid	9.899	122	747114	49.839	ng	98
33) 4-Chloroaniline	10.746	127	1594388	40.617	ng	99
34) Hexachlorobutadiene	10.946	225	842702	39.102	ng	99
35) Caprolactam	11.505	113	464342	41.786	ng	97
36) 4-Chloro-3-methylphenol	11.857	107	1591956	42.987	ng	99
37) 2-Methylnaphthalene	12.263	142	2882235	40.412	ng	99
38) 1-Methylnaphthalene	12.475	142	2825877	40.173	ng	100
40) 1,2,4,5-Tetrachloroben...	12.640	216	1573947	40.261	ng	100
41) Hexachlorocyclopentadiene	12.622	237	535050	43.183	ng	99
43) 2,4,6-Trichlorophenol	12.869	196	960914	44.249	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
Data File : BP021489.D
Acq On : 13 Aug 2024 19:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081324

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 14 00:10:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	1071161	44.396	ng		98
46) 1,1'-Biphenyl	13.281	154	3732699	39.542	ng		99
47) 2-Chloronaphthalene	13.322	162	2917301	39.695	ng		99
48) 2-Nitroaniline	13.510	65	874355	43.044	ng		98
49) Acenaphthylene	14.181	152	4270895	39.531	ng		100
50) Dimethylphthalate	13.910	163	3496130	39.127	ng		99
51) 2,6-Dinitrotoluene	14.022	165	735994	41.424	ng		97
52) Acenaphthene	14.528	154	2790584	39.366	ng		99
53) 3-Nitroaniline	14.351	138	705420	40.483	ng		97
54) 2,4-Dinitrophenol	14.546	184	215120	45.065	ng	#	56
55) Dibenzofuran	14.863	168	4202990	38.543	ng		99
56) 4-Nitrophenol	14.640	139	545969	39.582	ng		98
57) 2,4-Dinitrotoluene	14.810	165	917790	40.864	ng		93
58) Fluorene	15.522	166	3409197	38.055	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.093	232	866459	42.310	ng		99
60) Diethylphthalate	15.293	149	3461071	37.752	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	1795669	38.777	ng		98
62) 4-Nitroaniline	15.534	138	685273	38.254	ng		99
63) Azobenzene	15.828	77	4263599	37.833	ng		99
65) 4,6-Dinitro-2-methylph...	15.593	198	343500	46.281	ng		99
66) n-Nitrosodiphenylamine	15.734	169	2863059	42.093	ng		100
67) 4-Bromophenyl-phenylether	16.440	248	1135965	42.289	ng		99
68) Hexachlorobenzene	16.551	284	1306627	41.161	ng		97
69) Atrazine	16.710	200	907263	38.851	ng		99
70) Pentachlorophenol	16.898	266	770079	44.446	ng		100
71) Phenanthrene	17.298	178	4826486	39.541	ng		100
72) Anthracene	17.398	178	4745227	39.639	ng		100
73) Carbazole	17.675	167	4321248	37.457	ng		99
74) Di-n-butylphthalate	18.281	149	5456093	38.509	ng		100
75) Fluoranthene	19.386	202	5434874	36.288	ng		99
77) Benzidine	19.569	184	1367550	30.320	ng		99
78) Pyrene	19.763	202	5438173	43.044	ng		100
80) Butylbenzylphthalate	20.710	149	1972270	41.647	ng		97
81) Benzo(a)anthracene	21.692	228	4874495	40.172	ng		100
82) 3,3'-Dichlorobenzidine	21.604	252	1592617	40.936	ng		100
83) Chrysene	21.763	228	4554886	39.759	ng		100
84) Bis(2-ethylhexyl)phtha...	21.657	149	3111178	43.381	ng		100
85) Di-n-octyl phthalate	22.974	149	4908258	39.871	ng		100
87) Indeno(1,2,3-cd)pyrene	28.986	276	5668848m	41.105	ng		
88) Benzo(b)fluoranthene	24.039	252	4934155	40.381	ng		99
89) Benzo(k)fluoranthene	24.121	252	4765945	39.984	ng		99
90) Benzo(a)pyrene	24.968	252	4311183	40.657	ng		100
91) Dibenzo(a,h)anthracene	29.104	278	4717815	41.172	ng		99
92) Benzo(g,h,i)perylene	30.203	276	4769954	41.532	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
Data File : BP021489.D
Acq On : 13 Aug 2024 19:03
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 14 00:10:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP081324

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024