Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091024\
Data File : BP021878.D
Acq On : 10 Sep 2024 17:26
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

Quant Time: Sep 10 17:58:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:57:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	141958	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	625576	20.000	ng		0.00
39) Acenaphthene-d10	14.381	164	449611	20.000	ng		0.00
64) Phenanthrene-d10	17.175	188	1257426	20.000	ng		0.00
76) Chrysene-d12	21.610	240	1226951	20.000	ng		-0.01
86) Perylene-d12	24.945	264	1403224	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	983219	100.006	ng		0.00
7) Phenol-d6	6.934	99	1135962	85.384	ng		0.00
23) Nitrobenzene-d5	8.905	82	954539	69.126	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	478215	95.717	ng		0.00
45) 2-Fluorobiphenyl	12.993	172	1968710	72.019	ng		0.00
79) Terphenyl-d14	19.886	244	4360292	75.895	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	217753	43.600	ng		100
3) Pyridine	3.699	79	533333	41.334	ng		97
4) n-Nitrosodimethylamine	3.599	42	208217	42.691	ng		98
6) Aniline	7.093	93	441407	37.889	ng		99
8) 2-Chlorophenol	7.328	128	337929	37.357	ng		97
9) Benzaldehyde	6.905	77	322160	45.802	ng		99
10) Phenol	6.963	94	501891	37.136	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	375945	36.158	ng		95
12) 1,3-Dichlorobenzene	7.652	146	369654	35.270	ng		98
13) 1,4-Dichlorobenzene	7.793	146	375254	35.313	ng		98
14) 1,2-Dichlorobenzene	8.110	146	362955	34.206	ng		99
15) Benzyl Alcohol	7.993	79	344875	34.894	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.281	45	348794	32.589	ng		99
17) 2-Methylphenol	8.199	107	331107	34.669	ng		98
18) Hexachloroethane	8.834	117	160449	36.229	ng		99
19) n-Nitroso-di-n-propyla...	8.557	70	284588	34.178	ng		95
20) 3+4-Methylphenols	8.522	107	474959	36.094	ng		99
22) Acetophenone	8.569	105	653393	33.831	ng	#	98
24) Nitrobenzene	8.946	77	474302	34.650	ng		96
25) Isophorone	9.475	82	840805	35.081	ng		97
26) 2-Nitrophenol	9.652	139	175703	36.905	ng		97
27) 2,4-Dimethylphenol	9.716	122	252549	36.959	ng		99
28) bis(2-Chloroethoxy)met...	9.946	93	537949	34.546	ng		100
29) 2,4-Dichlorophenol	10.187	162	331745	37.328	ng		98
30) 1,2,4-Trichlorobenzene	10.399	180	363571	35.558	ng		98
31) Naphthalene	10.587	128	1162411	35.474	ng		99
32) Benzoic acid	9.840	122	282406	37.467	ng		96
33) 4-Chloroaniline	10.687	127	457410	38.054	ng		99
34) Hexachlorobutadiene	10.875	225	232160	36.580	ng		99
35) Caprolactam	11.475	113	142225	38.547	ng		98
36) 4-Chloro-3-methylphenol	11.816	107	488739	38.067	ng		99
37) 2-Methylnaphthalene	12.193	142	809074	36.907	ng		98
38) 1-Methylnaphthalene	12.410	142	806291	36.836	ng		98
40) 1,2,4,5-Tetrachloroben...	12.563	216	412663	35.549	ng		98
41) Hexachlorocyclopentadiene	12.545	237	137019	36.584	ng		97
43) 2,4,6-Trichlorophenol	12.804	196	281342	37.703	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	316738	36.508	ng	100
46) 1,1'-Biphenyl	13.204	154	1090992	34.787	ng	99
47) 2-Chloronaphthalene	13.245	162	843313	34.593	ng	98
48) 2-Nitroaniline	13.451	65	302467	35.588	ng	98
49) Acenaphthylene	14.098	152	1289254	35.740	ng	100
50) Dimethylphthalate	13.834	163	1129541	36.490	ng	99
51) 2,6-Dinitrotoluene	13.945	165	259293	37.878	ng	96
52) Acenaphthene	14.445	154	833207	35.725	ng	99
53) 3-Nitroaniline	14.281	138	265242	37.738	ng	98
54) 2,4-Dinitrophenol	14.487	184	128000	39.237	ng	97
55) Dibenzofuran	14.787	168	1339718	36.517	ng	98
56) 4-Nitrophenol	14.598	139	238181	39.071	ng	95
57) 2,4-Dinitrotoluene	14.745	165	368917	39.085	ng	96
58) Fluorene	15.439	166	1394958	46.137	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	289867	37.990	ng	97
60) Diethylphthalate	15.216	149	1491217	46.414	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	674751	46.021	ng	99
62) 4-Nitroaniline	15.457	138	372274	48.441	ng	99
63) Azobenzene	15.734	77	1660555	45.932	ng	99
65) 4,6-Dinitro-2-methylph...	15.516	198	229053	35.900	ng	92
66) n-Nitrosodiphenylamine	15.657	169	1201697	37.328	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	424286	35.801	ng	99
68) Hexachlorobenzene	16.469	284	501679	35.442	ng	98
69) Atrazine	16.628	200	294347	31.175	ng	98
70) Pentachlorophenol	16.816	266	335146	37.028	ng	98
71) Phenanthrene	17.216	178	2224155	35.779	ng	99
72) Anthracene	17.310	178	2146205	35.454	ng	100
73) Carbazole	17.586	167	2214179	35.631	ng	99
74) Di-n-butylphthalate	18.180	149	2522498	36.703	ng	100
75) Fluoranthene	19.292	202	2785777	37.015	ng	99
77) Benzidine	19.486	184	953856	56.410	ng	100
78) Pyrene	19.675	202	2903986	37.505	ng	99
80) Butylbenzylphthalate	20.622	149	1186712	37.242	ng	97
81) Benzo(a)anthracene	21.592	228	2845608	36.555	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	932236	37.907	ng	98
83) Chrysene	21.651	228	2645913	35.308	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	1704059	37.351	ng	99
85) Di-n-octyl phthalate	22.798	149	2765561	36.819	ng	100
87) Indeno(1,2,3-cd)pyrene	28.733	276	3085428m	34.971	ng	
88) Benzo(b)fluoranthene	23.880	252	2921637	36.153	ng	99
89) Benzo(k)fluoranthene	23.963	252	2802777	35.773	ng	99
90) Benzo(a)pyrene	24.786	252	2534775	36.188	ng	99
91) Dibenzo(a,h)anthracene	28.821	278	2550200	34.966	ng	98
92) Benzo(g,h,i)perylene	29.909	276	2676994	34.991	ng	98

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

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