Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
Data File : BP021504.D
Acq On : 14 Aug 2024 18:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 14 18:31:51 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 :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/15/2024
Supervised By :mohammad ahmed 08/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	350418	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1410392	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	898001	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	1883190	20.000	ng		0.00
76) Chrysene-d12	21.704	240	1789289	20.000	ng		0.00
86) Perylene-d12	25.109	264	2034792	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1922071	81.446	ng		0.00
7) Phenol-d6	6.963	99	2748066	79.825	ng		0.00
23) Nitrobenzene-d5	8.951	82	2459627	90.013	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	762468	76.290	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	4658935	79.179	ng		0.00
79) Terphenyl-d14	19.974	244	7250695	78.725	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	441907	39.492	ng		99
3) Pyridine	3.705	79	1230314m	39.386	ng		
4) n-Nitrosodimethylamine	3.616	42	375667	40.011	ng		97
6) Aniline	7.128	93	1327260	38.565	ng		99
8) 2-Chlorophenol	7.369	128	882886	40.483	ng		99
9) Benzaldehyde	6.946	77	837457	37.993	ng		99
10) Phenol	6.987	94	1399990	39.271	ng		100
11) bis(2-Chloroethyl)ether	7.228	93	1165629	38.642	ng		100
12) 1,3-Dichlorobenzene	7.699	146	1019508	39.356	ng		100
13) 1,4-Dichlorobenzene	7.840	146	1032985	39.490	ng		98
14) 1,2-Dichlorobenzene	8.157	146	985836	39.108	ng		99
15) Benzyl Alcohol	8.034	79	970125	39.275	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.328	45	1078076	38.809	ng		99
17) 2-Methylphenol	8.234	107	889338	39.461	ng		99
18) Hexachloroethane	8.887	117	422935	40.320	ng		97
19) n-Nitroso-di-n-propyla...	8.604	70	882284	37.101	ng		99
20) 3+4-Methylphenols	8.557	107	1201213	39.529	ng		99
22) Acetophenone	8.616	105	1708369	39.428	ng	#	99
24) Nitrobenzene	8.993	77	1302339	43.882	ng		99
25) Isophorone	9.516	82	2467751	38.228	ng		100
26) 2-Nitrophenol	9.704	139	317375	44.559	ng		99
27) 2,4-Dimethylphenol	9.757	122	638935	40.106	ng		99
28) bis(2-Chloroethoxy)met...	10.004	93	1538018	39.031	ng		100
29) 2,4-Dichlorophenol	10.234	162	800117	42.507	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	961698	39.851	ng		98
31) Naphthalene	10.646	128	2903590	39.409	ng		99
32) Benzoic acid	9.869	122	455326	45.032	ng		97
33) 4-Chloroaniline	10.746	127	1085892	39.235	ng		99
34) Hexachlorobutadiene	10.940	225	611088	40.217	ng		99
35) Caprolactam	11.493	113	318434	40.643	ng		99
36) 4-Chloro-3-methylphenol	11.863	107	1067227	40.873	ng		98
37) 2-Methylnaphthalene	12.257	142	1938666	38.553	ng		100
38) 1-Methylnaphthalene	12.475	142	1928128	38.877	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	1071503	40.724	ng		100
41) Hexachlorocyclopentadiene	12.616	237	343156	41.150	ng		99
43) 2,4,6-Trichlorophenol	12.857	196	631444	43.203	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	713366	43.930	ng	99
46) 1,1'-Biphenyl	13.281	154	2533335	39.873	ng	98
47) 2-Chloronaphthalene	13.316	162	1978116	39.991	ng	99
48) 2-Nitroaniline	13.504	65	587167	42.959	ng	98
49) Acenaphthylene	14.169	152	2891043	39.759	ng	100
50) Dimethylphthalate	13.898	163	2432240	40.444	ng	99
51) 2,6-Dinitrotoluene	14.016	165	500228	41.792	ng	99
52) Acenaphthene	14.516	154	1907443	39.980	ng	99
53) 3-Nitroaniline	14.345	138	504127	42.740	ng	98
54) 2,4-Dinitrophenol	14.545	184	141210	44.280	ng	93
55) Dibenzofuran	14.851	168	2922838	39.824	ng	99
56) 4-Nitrophenol	14.645	139	399341	42.575	ng	99
57) 2,4-Dinitrotoluene	14.804	165	646866	42.556	ng	97
58) Fluorene	15.516	166	2368148	39.276	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	592249	42.969	ng	98
60) Diethylphthalate	15.292	149	2477782	40.156	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	1222923	39.238	ng	97
62) 4-Nitroaniline	15.516	138	524153	43.073	ng	98
63) Azobenzene	15.816	77	2979533	39.282	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	229366	42.988	ng	97
66) n-Nitrosodiphenylamine	15.728	169	2018932	40.005	ng	99
67) 4-Bromophenyl-phenylether	16.433	248	724129	36.332	ng	99
68) Hexachlorobenzene	16.545	284	930980	39.526	ng	97
69) Atrazine	16.716	200	657055	37.921	ng	100
70) Pentachlorophenol	16.892	266	552640	42.988	ng	99
71) Phenanthrene	17.298	178	3595634	39.701	ng	100
72) Anthracene	17.398	178	3503327	39.443	ng	99
73) Carbazole	17.669	167	3434624	40.125	ng	99
74) Di-n-butylphthalate	18.275	149	4211134	40.058	ng	100
75) Fluoranthene	19.380	202	4467831	40.206	ng	100
77) Benzidine	19.569	184	1269204	30.396	ng	99
78) Pyrene	19.757	202	4682919	40.042	ng	100
80) Butylbenzylphthalate	20.710	149	1679701	38.605	ng	99
81) Benzo(a)anthracene	21.680	228	4494269	40.011	ng	100
82) 3,3'-Dichlorobenzidine	21.598	252	1502883	41.730	ng	100
83) Chrysene	21.751	228	4286259	40.417	ng	100
84) Bis(2-ethylhexyl)phtha...	21.633	149	2799347	42.166	ng	99
85) Di-n-octyl phthalate	22.951	149	4390262	38.689	ng	100
87) Indeno(1,2,3-cd)pyrene	28.968	276	5327517m	40.391	ng	
88) Benzo(b)fluoranthene	24.033	252	4730025	40.475	ng	99
89) Benzo(k)fluoranthene	24.104	252	4601844	40.367	ng	99
90) Benzo(a)pyrene	24.933	252	4126009	40.685	ng	99
91) Dibenzo(a,h)anthracene	29.086	278	4437703	40.493	ng	99
92) Benzo(g,h,i)perylene	30.174	276	4474935	40.739	ng	99

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

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