Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060947.D
Acq On : 18 Apr 2024 22:40
Operator : MA/JU
Sample : P2166-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RPI-SS-DUP-01MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Quant Time: Apr 19 00:50:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	51534	20.000	ng		0.00
21) Naphthalene-d8	10.737	136	201351	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	170289	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	430296	20.000	ng		0.00
76) Chrysene-d12	21.578	240	399692	20.000	ng		0.00
86) Perylene-d12	24.692	264	476360	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.526	112	332101	111.936	ng		0.00
7) Phenol-d6	7.106	99	475774	111.317	ng		0.00
23) Nitrobenzene-d5	9.092	82	299714	67.575	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	308311	109.593	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	768806	66.252	ng		0.00
79) Terphenyl-d14	19.938	244	1500870	65.535	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	46653	38.899	ng		97
3) Pyridine	3.828	79	123744	32.429	ng		94
4) n-Nitrosodimethylamine	3.746	42	97278	39.950	ng		98
6) Aniline	7.265	93	102057	19.598	ng		96
8) 2-Chlorophenol	7.506	128	155098	45.951	ng		95
9) Benzaldehyde	7.077	77	9130	3.978	ng		86
10) Phenol	7.136	94	205743	48.032	ng		99
11) bis(2-Chloroethyl)ether	7.359	93	139204	41.897	ng		94
12) 1,3-Dichlorobenzene	7.829	146	162250	45.242	ng		99
13) 1,4-Dichlorobenzene	7.976	146	167866	45.723	ng		98
14) 1,2-Dichlorobenzene	8.293	146	158521	44.402	ng		100
15) Benzyl Alcohol	8.176	79	151883	41.310	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.458	45	341722	42.558	ng		98
17) 2-Methylphenol	8.381	107	136636	40.371	ng		97
18) Hexachloroethane	9.022	117	61387	47.088	ng		97
19) n-Nitroso-di-n-propyla...	8.740	70	126861	38.968	ng		95
20) 3+4-Methylphenols	8.704	107	192170	40.927	ng		98
22) Acetophenone	8.757	105	243913	42.538	ng	#	98
24) Nitrobenzene	9.133	77	178738	41.062	ng		98
25) Isophorone	9.656	82	342804	41.883	ng		99
26) 2-Nitrophenol	9.844	139	84693	46.314	ng		96
27) 2,4-Dimethylphenol	9.909	122	116616	36.195	ng		97
28) bis(2-Chloroethoxy)met...	10.144	93	193751	42.099	ng		98
29) 2,4-Dichlorophenol	10.385	162	156834	44.865	ng		99
30) 1,2,4-Trichlorobenzene	10.596	180	169428	45.216	ng		94
31) Naphthalene	10.784	128	471299	43.280	ng		99
32) Benzoic acid	10.056	122	125939	48.289	ng		99
33) 4-Chloroaniline	10.890	127	74100	14.519	ng		92
34) Hexachlorobutadiene	11.078	225	120897	45.385	ng		99
35) Caprolactam	11.660	113	57214m	44.360	ng		
36) 4-Chloro-3-methylphenol	12.018	107	188373	44.585	ng		94
37) 2-Methylnaphthalene	12.394	142	347769	42.215	ng		99
38) 1-Methylnaphthalene	12.612	142	334443	43.004	ng		97
40) 1,2,4,5-Tetrachloroben...	12.759	216	235127	44.745	ng		97
41) Hexachlorocyclopentadiene	12.747	237	258621	96.251	ng		99
43) 2,4,6-Trichlorophenol	12.999	196	167162	45.746	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	189291	42.955	ng	97
46) 1,1'-Biphenyl	13.405	154	511171	44.148	ng	99
47) 2-Chloronaphthalene	13.446	162	403586	45.541	ng	98
48) 2-Nitroaniline	13.640	65	163146	44.863	ng	95
49) Acenaphthylene	14.292	152	691441	46.141	ng	99
50) Dimethylphthalate	14.028	163	563024	41.665	ng	100
51) 2,6-Dinitrotoluene	14.139	165	121600	44.151	ng	97
52) Acenaphthene	14.633	154	385438	42.411	ng	98
53) 3-Nitroaniline	14.468	138	73091	24.175	ng	96
54) 2,4-Dinitrophenol	14.674	184	153809	86.912	ng	95
55) Dibenzofuran	14.968	168	661434	43.084	ng	98
56) 4-Nitrophenol	14.786	139	224819	97.123	ng	98
57) 2,4-Dinitrotoluene	14.927	165	178590	45.377	ng	99
58) Fluorene	15.620	166	542069	42.567	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.197	232	184656	45.614	ng	99
60) Diethylphthalate	15.397	149	569696	42.091	ng	99
61) 4-Chlorophenyl-phenyle...	15.614	204	297088	42.086	ng	100
62) 4-Nitroaniline	15.632	138	130561	40.163	ng	98
63) Azobenzene	15.908	77	553385	43.380	ng	98
65) 4,6-Dinitro-2-methylph...	15.690	198	110834	46.168	ng	97
66) n-Nitrosodiphenylamine	15.826	169	518838	43.924	ng	98
67) 4-Bromophenyl-phenylether	16.507	248	211350	43.845	ng	97
68) Hexachlorobenzene	16.625	284	246033	46.907	ng	96
69) Atrazine	16.783	200	205939	48.511	ng	95
70) Pentachlorophenol	16.965	266	338733	95.359	ng	99
71) Phenanthrene	17.359	178	957098	43.943	ng	99
72) Anthracene	17.447	178	980708	43.835	ng	99
73) Carbazole	17.717	167	872484	44.761	ng	99
74) Di-n-butylphthalate	18.287	149	1032711	44.007	ng	100
75) Fluoranthene	19.368	202	1167018	42.096	ng	99
77) Benzidine	19.551	184	454537	51.557	ng	99
78) Pyrene	19.733	202	1218142	44.428	ng	100
80) Butylbenzylphthalate	20.632	149	458321	45.510	ng	96
81) Benzo(a)anthracene	21.554	228	1272437	45.083	ng	99
82) 3,3'-Dichlorobenzidine	21.472	252	257260	25.596	ng	100
83) Chrysene	21.619	228	1204475	44.696	ng	99
84) Bis(2-ethylhexyl)phtha...	21.489	149	672620	45.168	ng	97
85) Di-n-octyl phthalate	22.676	149	1168004	45.457	ng	99
87) Indeno(1,2,3-cd)pyrene	28.240	276	1557509	47.282	ng	98
88) Benzo(b)fluoranthene	23.710	252	1265461	46.952	ng	98
89) Benzo(k)fluoranthene	23.781	252	1225218	44.436	ng	99
90) Benzo(a)pyrene	24.551	252	1167154	43.923	ng	99
91) Dibenzo(a,h)anthracene	28.305	278	1283272	47.327	ng	98
92) Benzo(g,h,i)perylene	29.339	276	1203831	45.412	ng	99

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

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