Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031524\
Data File : BG060673.D
Acq On : 15 Mar 2024 21:33
Operator : MA/JU
Sample : P1764-11MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-2MSD

Quant Time: Mar 15 23:41:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 00:45:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.324	152	95814	20.000	ng		0.00
21) Naphthalene-d8	11.167	136	452139	20.000	ng		0.00
39) Acenaphthene-d10	14.951	164	301388	20.000	ng		0.00
64) Phenanthrene-d10	17.695	188	622448	20.000	ng		0.00
76) Chrysene-d12	22.019	240	546179	20.000	ng		0.00
86) Perylene-d12	25.574	264	624944	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.815	112	546733	89.701	ng		0.00
7) Phenol-d6	7.442	99	778251	88.022	ng		0.00
23) Nitrobenzene-d5	9.522	82	479403	55.182	ng		0.00
42) 2,4,6-Tribromophenol	16.432	330	318880	91.305	ng		0.00
45) 2-Fluorobiphenyl	13.576	172	1172470	52.598	ng		0.00
79) Terphenyl-d14	20.274	244	1673632	55.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.647	88	97010	38.024	ng		98
3) Pyridine	4.064	79	248122	32.906	ng		95
4) n-Nitrosodimethylamine	3.993	42	149817	40.504	ng	#	97
6) Aniline	7.648	93	257081	23.795	ng		99
8) 2-Chlorophenol	7.871	128	331252	49.717	ng		99
9) Benzaldehyde	7.466	77	93298	18.850	ng		93
10) Phenol	7.466	94	449076	50.620	ng		99
11) bis(2-Chloroethyl)ether	7.736	93	300753	42.527	ng		96
12) 1,3-Dichlorobenzene	8.206	146	321325	44.721	ng		99
13) 1,4-Dichlorobenzene	8.359	146	331101	45.460	ng		98
14) 1,2-Dichlorobenzene	8.676	146	326820	45.181	ng		98
15) Benzyl Alcohol	8.564	79	312528	44.710	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.823	45	601917	43.841	ng		98
17) 2-Methylphenol	8.747	107	306934	45.057	ng		96
18) Hexachloroethane	9.411	117	117827	47.358	ng		98
19) n-Nitroso-di-n-propyla...	9.129	70	270364	44.115	ng		99
20) 3+4-Methylphenols	9.076	107	431174	46.930	ng		98
22) Acetophenone	9.170	105	536199	44.233	ng		97
24) Nitrobenzene	9.569	77	381121	43.880	ng		98
25) Isophorone	10.074	82	768177	44.178	ng		97
26) 2-Nitrophenol	10.274	139	171252	48.643	ng		95
27) 2,4-Dimethylphenol	10.298	122	283370	36.820	ng		97
28) bis(2-Chloroethoxy)met...	10.556	93	454115	43.564	ng		99
29) 2,4-Dichlorophenol	10.791	162	338145	48.956	ng		98
30) 1,2,4-Trichlorobenzene	11.015	180	326328	44.496	ng		99
31) Naphthalene	11.220	128	1101309	43.609	ng		99
32) Benzoic acid	10.409	122	248034	48.912	ng		90
33) 4-Chloroaniline	11.332	127	153126	14.379	ng		98
34) Hexachlorobutadiene	11.449	225	213916	42.763	ng		99
35) Caprolactam	12.131	113	109130m	46.935	ng		
36) 4-Chloro-3-methylphenol	12.401	107	405548	47.910	ng		99
37) 2-Methylnaphthalene	12.801	142	754654	43.265	ng		98
38) 1-Methylnaphthalene	13.018	142	693161	42.339	ng		100
40) 1,2,4,5-Tetrachloroben...	13.141	216	410255	44.325	ng		99
41) Hexachlorocyclopentadiene	13.094	237	445877	97.962	ng		98
43) 2,4,6-Trichlorophenol	13.382	196	285300	48.005	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.447	196	313387	44.575	ng	#	97
46) 1,1'-Biphenyl	13.788	154	1008178	44.008	ng		98
47) 2-Chloronaphthalene	13.841	162	784814	45.393	ng		98
48) 2-Nitroaniline	14.058	65	273741	47.972	ng		95
49) Acenaphthylene	14.681	152	1305849	46.364	ng		99
50) Dimethylphthalate	14.393	163	1003889	44.413	ng		99
51) 2,6-Dinitrotoluene	14.534	165	200648	48.175	ng		98
52) Acenaphthene	15.016	154	724931	43.072	ng		99
53) 3-Nitroaniline	14.875	138	136647	28.494	ng		92
54) 2,4-Dinitrophenol	15.069	184	209164	96.548	ng		94
55) Dibenzofuran	15.345	168	1190455	43.684	ng		100
56) 4-Nitrophenol	15.139	139	350732	98.012	ng		98
57) 2,4-Dinitrotoluene	15.310	165	272984	52.101	ng		99
58) Fluorene	15.991	166	955471	43.823	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.550	232	273813m	46.702	ng		
60) Diethylphthalate	15.738	149	1010115	43.432	ng		98
61) 4-Chlorophenyl-phenyle...	15.973	204	472498	42.783	ng		98
62) 4-Nitroaniline	16.038	138	224625	45.742	ng		98
63) Azobenzene	16.267	77	1057907	43.953	ng		97
65) 4,6-Dinitro-2-methylph...	16.056	198	146740	51.752	ng		92
66) n-Nitrosodiphenylamine	16.197	169	870907	44.707	ng		99
67) 4-Bromophenyl-phenylether	16.872	248	316525	47.156	ng		99
68) Hexachlorobenzene	16.961	284	361897	46.894	ng		99
69) Atrazine	17.125	200	306630	47.061	ng		99
70) Pentachlorophenol	17.319	266	450862	90.138	ng		97
71) Phenanthrene	17.742	178	1467899	43.779	ng		99
72) Anthracene	17.830	178	1512690	44.620	ng		99
73) Carbazole	18.106	167	1317506	44.695	ng		99
74) Di-n-butylphthalate	18.612	149	1667800	46.427	ng		99
75) Fluoranthene	19.728	202	1639266	44.198	ng		100
77) Benzidine	19.916	184	713500	53.408	ng		99
78) Pyrene	20.092	202	1720439	45.137	ng		99
80) Butylbenzylphthalate	20.956	149	714056	49.554	ng		97
81) Benzo(a)anthracene	21.990	228	1715363	45.614	ng		99
82) 3,3'-Dichlorobenzidine	21.908	252	317151	25.021	ng		96
83) Chrysene	22.066	228	1655706	45.343	ng		99
84) Bis(2-ethylhexyl)phtha...	21.831	149	1045413	49.116	ng		97
85) Di-n-octyl phthalate	23.159	149	1785856	50.952	ng		99
87) Indeno(1,2,3-cd)pyrene	29.699	276	2105073	49.382	ng	#	88
88) Benzo(b)fluoranthene	24.422	252	1652599	48.068	ng		99
89) Benzo(k)fluoranthene	24.499	252	1712880	47.423	ng		99
90) Benzo(a)pyrene	25.398	252	1577518	46.801	ng		99
91) Dibenzo(a,h)anthracene	29.787	278	1734858	47.940	ng		97
92) Benzo(g,h,i)perylene	31.009	276	1631126	46.554	ng		99

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

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