Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061323\
Data File : BG057695.D
Acq On : 13 Jun 2023 19:18
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Jun 14 03:07:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 03:04:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.941	152	28510	20.000	ng		0.00
21) Naphthalene-d8	10.743	136	120287	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	86190	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	201409	20.000	ng		0.00
76) Chrysene-d12	21.578	240	166335	20.000	ng		0.00
86) Perylene-d12	24.733	264	204776	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.508	112	175787	100.397	ng		0.00
7) Phenol-d6	7.095	99	265141	98.572	ng		0.00
23) Nitrobenzene-d5	9.104	82	194045	97.561	ng		0.00
42) 2,4,6-Tribromophenol	16.061	330	101774	105.840	ng		0.00
45) 2-Fluorobiphenyl	13.199	172	549797	95.084	ng		0.00
79) Terphenyl-d14	19.933	244	843686	93.778	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.428	88	42421	47.589	ng		96
3) Pyridine	3.816	79	127050	50.329	ng		99
4) n-Nitrosodimethylamine	3.734	42	60062	48.801	ng		97
6) Aniline	7.265	93	169524	48.036	ng		99
8) 2-Chlorophenol	7.506	128	86530	51.544	ng		96
9) Benzaldehyde	7.077	77	76519	46.153	ng		96
10) Phenol	7.124	94	130587	49.684	ng		98
11) bis(2-Chloroethyl)ether	7.365	93	97506	47.331	ng		97
12) 1,3-Dichlorobenzene	7.829	146	91554	47.146	ng		99
13) 1,4-Dichlorobenzene	7.976	146	91636	47.594	ng		97
14) 1,2-Dichlorobenzene	8.293	146	88379	47.244	ng		99
15) Benzyl Alcohol	8.176	79	102871	49.936	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.470	45	211261	47.097	ng		100
17) 2-Methylphenol	8.375	107	93837	48.516	ng		98
18) Hexachloroethane	9.028	117	30138	50.653	ng		99
19) n-Nitroso-di-n-propyla...	8.752	70	92335	47.475	ng		98
20) 3+4-Methylphenols	8.705	107	132367	50.053	ng		98
22) Acetophenone	8.763	105	168247	48.147	ng	#	98
24) Nitrobenzene	9.145	77	105852	48.727	ng		99
25) Isophorone	9.668	82	266888	47.869	ng		99
26) 2-Nitrophenol	9.856	139	25529	49.577	ng		92
27) 2,4-Dimethylphenol	9.909	122	93522	50.234	ng		99
28) bis(2-Chloroethoxy)met...	10.150	93	142967	49.328	ng		97
29) 2,4-Dichlorophenol	10.385	162	87607	55.474	ng		97
30) 1,2,4-Trichlorobenzene	10.608	180	100273	48.851	ng		97
31) Naphthalene	10.796	128	311721	48.219	ng		99
32) Benzoic acid	10.044	122	41478	57.013	ng		97
33) 4-Chloroaniline	10.902	127	145245	48.257	ng		98
34) Hexachlorobutadiene	11.084	225	62560	48.467	ng		97
35) Caprolactam	11.683	113	32938	50.559	ng		98
36) 4-Chloro-3-methylphenol	12.018	107	115756	51.739	ng		96
37) 2-Methylnaphthalene	12.400	142	228770	47.832	ng		99
38) 1-Methylnaphthalene	12.623	142	215415	48.010	ng		99
40) 1,2,4,5-Tetrachloroben...	12.764	216	119142	48.832	ng		99
41) Hexachlorocyclopentadiene	12.753	237	51530	55.374	ng		97
43) 2,4,6-Trichlorophenol	13.005	196	76586	48.466	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.070	196	91982	49.172	ng	94
46) 1,1'-Biphenyl	13.411	154	283747	47.648	ng	98
47) 2-Chloronaphthalene	13.452	162	218744	48.600	ng	97
48) 2-Nitroaniline	13.652	65	60177	49.279	ng	95
49) Acenaphthylene	14.298	152	372156	47.678	ng	98
50) Dimethylphthalate	14.034	163	308412	48.802	ng	99
51) 2,6-Dinitrotoluene	14.145	165	45498	48.993	ng	98
52) Acenaphthene	14.639	154	224654	48.014	ng	98
53) 3-Nitroaniline	14.474	138	53172	48.835	ng	98
54) 2,4-Dinitrophenol	14.674	184	14019	48.466	ng	97
55) Dibenzofuran	14.974	168	366558	46.673	ng	99
56) 4-Nitrophenol	14.768	139	40755	48.094	ng	96
57) 2,4-Dinitrotoluene	14.932	165	58003	48.293	ng	95
58) Fluorene	15.620	166	288543	46.120	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.191	232	74874	48.032	ng	99
60) Diethylphthalate	15.397	149	316577	48.529	ng	100
61) 4-Chlorophenyl-phenyle...	15.614	204	154545	46.109	ng	99
62) 4-Nitroaniline	15.638	138	57029	47.599	ng	98
63) Azobenzene	15.908	77	326559	46.556	ng	99
65) 4,6-Dinitro-2-methylph...	15.690	198	22418	48.880	ng	97
66) n-Nitrosodiphenylamine	15.831	169	253825	48.209	ng	97
67) 4-Bromophenyl-phenylether	16.507	248	100943	49.221	ng	99
68) Hexachlorobenzene	16.625	284	103906	48.481	ng	98
69) Atrazine	16.777	200	88617	50.589	ng	98
70) Pentachlorophenol	16.960	266	68353	53.122	ng	94
71) Phenanthrene	17.359	178	464668	47.279	ng	99
72) Anthracene	17.453	178	476558	47.864	ng	99
73) Carbazole	17.717	167	433028	46.962	ng	99
74) Di-n-butylphthalate	18.287	149	532863	52.137	ng	99
75) Fluoranthene	19.368	202	554227	46.811	ng	99
77) Benzidine	19.551	184	196985	49.678	ng	97
78) Pyrene	19.733	202	569221	48.097	ng	99
80) Butylbenzylphthalate	20.626	149	208992	48.475	ng	97
81) Benzo(a)anthracene	21.554	228	552978	48.139	ng	99
82) 3,3'-Dichlorobenzidine	21.472	252	188948	50.499	ng	99
83) Chrysene	21.619	228	521918	47.742	ng	99
84) Bis(2-ethylhexyl)phtha...	21.478	149	316727	54.322	ng	98
85) Di-n-octyl phthalate	22.676	149	530063	52.723	ng	100
87) Indeno(1,2,3-cd)pyrene	28.346	276	656296	49.532	ng	99
88) Benzo(b)fluoranthene	23.734	252	550187	49.527	ng	99
89) Benzo(k)fluoranthene	23.804	252	554915	48.164	ng	97
90) Benzo(a)pyrene	24.586	252	539836	49.424	ng	99
91) Dibenzo(a,h)anthracene	28.417	278	536738	49.021	ng	99
92) Benzo(g,h,i)perylene	29.468	276	539530	49.369	ng	99

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

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