Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061323\
Data File : BG057698.D
Acq On : 13 Jun 2023 22:06
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG061323

Quant Time: Jun 14 04:08:36 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 03:52:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	24343	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	111288	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	87785	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	217735	20.000	ng	0.00
76) Chrysene-d12	21.573	240	179332	20.000	ng	0.00
86) Perylene-d12	24.734	264	225303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	124225	83.094	ng	0.00
7) Phenol-d6	7.096	99	194018	84.478	ng	0.00
23) Nitrobenzene-d5	9.099	82	158460	87.816	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	94147	96.129	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	435931	74.022	ng	0.00
79) Terphenyl-d14	19.933	244	747287	77.043	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.423	88	28295	37.175	ng	95
3) Pyridine	3.811	79	86060	39.943	ng	98
4) n-Nitrosodimethylamine	3.729	42	41504	39.495	ng	95
6) Aniline	7.266	93	122716	40.725	ng	99
8) 2-Chlorophenol	7.501	128	63420	44.245	ng	94
9) Benzaldehyde	7.078	77	57068	40.313	ng	94
10) Phenol	7.119	94	96058	42.803	ng	99
11) bis(2-Chloroethyl)ether	7.360	93	70425	40.038	ng	97
12) 1,3-Dichlorobenzene	7.830	146	63971	38.581	ng	99
13) 1,4-Dichlorobenzene	7.977	146	65058	39.574	ng	98
14) 1,2-Dichlorobenzene	8.294	146	63891	39.999	ng	98
15) Benzyl Alcohol	8.177	79	76262	43.356	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.465	45	150166	39.207	ng	97
17) 2-Methylphenol	8.371	107	68597	41.538	ng	96
18) Hexachloroethane	9.023	117	21915	43.137	ng	95
19) n-Nitroso-di-n-propyla...	8.747	70	69251	41.701	ng	99
20) 3+4-Methylphenols	8.700	107	96388	42.687	ng	99
22) Acetophenone	8.758	105	124964	38.652	ng	98
24) Nitrobenzene	9.146	77	86589	43.671	ng	98
25) Isophorone	9.663	82	206030	39.942	ng	98
26) 2-Nitrophenol	9.851	139	23187	49.074	ng	96
27) 2,4-Dimethylphenol	9.910	122	72850	42.295	ng	100
28) bis(2-Chloroethoxy)met...	10.151	93	104939	39.135	ng	97
29) 2,4-Dichlorophenol	10.386	162	67806	46.407	ng	98
30) 1,2,4-Trichlorobenzene	10.603	180	74589	39.277	ng	100
31) Naphthalene	10.797	128	233585	39.054	ng	99
32) Benzoic acid	10.033	122	43001	63.886	ng	98
33) 4-Chloroaniline	10.897	127	111658	40.097	ng	98
34) Hexachlorobutadiene	11.079	225	44681	37.414	ng	97
35) Caprolactam	11.673	113	29562	49.046	ng	93
36) 4-Chloro-3-methylphenol	12.013	107	95065	45.926	ng	97
37) 2-Methylnaphthalene	12.401	142	175856	39.742	ng	98
38) 1-Methylnaphthalene	12.618	142	166430	40.092	ng	97
40) 1,2,4,5-Tetrachloroben...	12.765	216	91691	36.898	ng	100
41) Hexachlorocyclopentadiene	12.748	237	40631	42.869	ng	95
43) 2,4,6-Trichlorophenol	13.000	196	65698	41.346	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	80466	42.702	ng		95
46) 1,1'-Biphenyl	13.412	154	227686	37.539	ng		97
47) 2-Chloronaphthalene	13.453	162	174940	38.161	ng		97
48) 2-Nitroaniline	13.647	65	60127	48.625	ng		93
49) Acenaphthylene	14.299	152	308143	38.760	ng		98
50) Dimethylphthalate	14.034	163	267200	41.513	ng		100
51) 2,6-Dinitrotoluene	14.146	165	45221	48.134	ng		93
52) Acenaphthene	14.640	154	186743	39.187	ng		99
53) 3-Nitroaniline	14.475	138	51556	47.016	ng	#	95
54) 2,4-Dinitrophenol	14.675	184	14569	49.130	ng		96
55) Dibenzofuran	14.969	168	309417	38.682	ng		99
56) 4-Nitrophenol	14.769	139	41924	48.469	ng		94
57) 2,4-Dinitrotoluene	14.928	165	60142	48.927	ng		99
58) Fluorene	15.621	166	249144	39.099	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	68514	43.558	ng		99
60) Diethylphthalate	15.392	149	281218	42.325	ng		98
61) 4-Chlorophenyl-phenyle...	15.615	204	133167	39.009	ng		99
62) 4-Nitroaniline	15.638	138	54156	44.686	ng		99
63) Azobenzene	15.909	77	280569	39.273	ng		98
65) 4,6-Dinitro-2-methylph...	15.691	198	23518	47.932	ng		92
66) n-Nitrosodiphenylamine	15.826	169	221736	38.957	ng		98
67) 4-Bromophenyl-phenylether	16.508	248	88526	39.929	ng		97
68) Hexachlorobenzene	16.620	284	90235	38.945	ng		98
69) Atrazine	16.772	200	77673	41.016	ng		99
70) Pentachlorophenol	16.960	266	65105	46.804	ng		95
71) Phenanthrene	17.360	178	403251	37.954	ng		99
72) Anthracene	17.448	178	416966	38.739	ng		99
73) Carbazole	17.718	167	383525	38.475	ng		99
74) Di-n-butylphthalate	18.282	149	470696	42.601	ng		99
75) Fluoranthene	19.369	202	490338	38.309	ng		99
77) Benzidine	19.552	184	194324	45.455	ng		97
78) Pyrene	19.728	202	500742	39.244	ng		99
80) Butylbenzylphthalate	20.627	149	190929	41.703	ng		97
81) Benzo(a)anthracene	21.555	228	481249	38.858	ng		100
82) 3,3'-Dichlorobenzidine	21.473	252	167908	41.624	ng		99
83) Chrysene	21.620	228	459470	38.983	ng		99
84) Bis(2-ethylhexyl)phtha...	21.473	149	285061	45.347	ng		98
85) Di-n-octyl phthalate	22.671	149	483623	44.617	ng		99
87) Indeno(1,2,3-cd)pyrene	28.335	276	567633	38.938	ng		100
88) Benzo(b)fluoranthene	23.729	252	473986	38.780	ng		98
89) Benzo(k)fluoranthene	23.799	252	481906	38.016	ng		97
90) Benzo(a)pyrene	24.587	252	465640	38.747	ng		99
91) Dibenzo(a,h)anthracene	28.406	278	468140	38.860	ng		100
92) Benzo(g,h,i)perylene	29.469	276	469713	39.065	ng		97

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

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