Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
Data File : BG055450.D
Acq On : 4 Nov 2022 12:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 05 00:01:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 05:28:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	32997	20.000	ng	0.00
21) Naphthalene-d8	11.063	136	144652	20.000	ng	0.00
39) Acenaphthene-d10	14.853	164	106404	20.000	ng	0.00
64) Phenanthrene-d10	17.585	188	243998	20.000	ng	0.00
76) Chrysene-d12	21.863	240	230495	20.000	ng	0.00
86) Perylene-d12	25.235	264	259753	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	138142	75.183	ng	0.00
7) Phenol-d6	7.385	99	198467	77.891	ng	0.00
23) Nitrobenzene-d5	9.412	82	205890	75.857	ng	0.00
42) 2,4,6-Tribromophenol	16.334	330	116580	80.324	ng	0.00
45) 2-Fluorobiphenyl	13.478	172	541463	75.449	ng	0.00
79) Terphenyl-d14	20.159	244	891132	75.179	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.560	88	29420	35.302	ng	98
3) Pyridine	3.983	79	90070	36.417	ng	97
4) n-Nitrosodimethylamine	3.890	42	36756	37.618	ng	94
6) Aniline	7.550	93	126830	38.378	ng	99
8) 2-Chlorophenol	7.797	128	85055	38.099	ng	97
9) Benzaldehyde	7.362	77	58431	39.006	ng	97
10) Phenol	7.409	94	110560	38.336	ng	99
11) bis(2-Chloroethyl)ether	7.638	93	82085	38.043	ng	98
12) 1,3-Dichlorobenzene	8.120	146	96203	38.019	ng	99
13) 1,4-Dichlorobenzene	8.267	146	98211	38.107	ng	98
14) 1,2-Dichlorobenzene	8.596	146	94015	38.111	ng	98
15) Benzyl Alcohol	8.472	79	81455	40.082	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.760	45	106121	36.967	ng	97
17) 2-Methylphenol	8.678	107	80447	38.768	ng	99
18) Hexachloroethane	9.330	117	33118	37.669	ng	91
19) n-Nitroso-di-n-propyla...	9.042	70	74984	37.661	ng	97
20) 3+4-Methylphenols	9.007	107	115039	39.017	ng	98
22) Acetophenone	9.066	105	143006	37.718	ng	99
24) Nitrobenzene	9.454	77	107064	37.835	ng	96
25) Isophorone	9.976	82	203376	37.835	ng	100
26) 2-Nitrophenol	10.170	139	57038	39.145	ng	97
27) 2,4-Dimethylphenol	10.217	122	79770	39.044	ng	98
28) bis(2-Chloroethoxy)met...	10.447	93	109501	38.246	ng	98
29) 2,4-Dichlorophenol	10.711	162	98376	39.473	ng	99
30) 1,2,4-Trichlorobenzene	10.922	180	104487	38.717	ng	99
31) Naphthalene	11.116	128	311688	38.271	ng	99
32) Benzoic acid	10.394	122	42479	36.961	ng	99
33) 4-Chloroaniline	11.222	127	133592	39.477	ng	99
34) Hexachlorobutadiene	11.387	225	65756	39.198	ng	98
35) Caprolactam	12.004	113	34323	37.197	ng	97
36) 4-Chloro-3-methylphenol	12.327	107	107386	39.352	ng	98
37) 2-Methylnaphthalene	12.703	142	229831	38.419	ng	99
38) 1-Methylnaphthalene	12.914	142	224090	38.406	ng	98
40) 1,2,4,5-Tetrachloroben...	13.061	216	122262	38.898	ng	99
41) Hexachlorocyclopentadiene	13.038	237	51550	38.064	ng	97
43) 2,4,6-Trichlorophenol	13.302	196	87511	39.980	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.378	196	96689	39.658	ng		98
46) 1,1'-Biphenyl	13.690	154	296959	37.928	ng		99
47) 2-Chloronaphthalene	13.743	162	242582	38.558	ng		99
48) 2-Nitroaniline	13.942	65	73540	38.057	ng		98
49) Acenaphthylene	14.583	152	394309	38.170	ng		99
50) Dimethylphthalate	14.295	163	336899	37.932	ng		100
51) 2,6-Dinitrotoluene	14.424	165	71939	38.690	ng		99
52) Acenaphthene	14.918	154	234228	38.097	ng		98
53) 3-Nitroaniline	14.759	138	81038	38.778	ng		96
54) 2,4-Dinitrophenol	14.971	184	37860	36.674	ng		95
55) Dibenzofuran	15.247	168	391349	38.456	ng		100
56) 4-Nitrophenol	15.070	139	55653	38.839	ng		97
57) 2,4-Dinitrotoluene	15.212	165	104571	39.332	ng		96
58) Fluorene	15.893	166	315063	38.111	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.476	232	85435	38.972	ng		99
60) Diethylphthalate	15.640	149	346158	37.503	ng		99
61) 4-Chlorophenyl-phenyle...	15.875	204	165753	38.781	ng		98
62) 4-Nitroaniline	15.917	138	83427	37.732	ng		97
63) Azobenzene	16.169	77	285624	37.227	ng		97
65) 4,6-Dinitro-2-methylph...	15.975	198	64882	41.282	ng		98
66) n-Nitrosodiphenylamine	16.093	169	278202	38.350	ng		99
67) 4-Bromophenyl-phenylether	16.769	248	112914	39.148	ng		98
68) Hexachlorobenzene	16.892	284	130429	39.654	ng		96
69) Atrazine	17.021	200	91791	37.690	ng		99
70) Pentachlorophenol	17.239	266	61581	38.430	ng		97
71) Phenanthrene	17.632	178	528024	38.473	ng		100
72) Anthracene	17.720	178	513636	38.181	ng		99
73) Carbazole	17.985	167	472869	37.781	ng		99
74) Di-n-butylphthalate	18.514	149	588568	37.652	ng		100
75) Fluoranthene	19.618	202	615797	37.301	ng		99
77) Benzidine	19.788	184	185456	38.647	ng		99
78) Pyrene	19.982	202	624057	38.379	ng		99
80) Butylbenzylphthalate	20.834	149	260755	38.463	ng		98
81) Benzo(a)anthracene	21.839	228	610892	38.609	ng		100
82) 3,3'-Dichlorobenzidine	21.745	252	212996	39.255	ng		98
83) Chrysene	21.910	228	579789	38.409	ng		99
84) Bis(2-ethylhexyl)phtha...	21.698	149	375469	38.101	ng		100
85) Di-n-octyl phthalate	22.950	149	643706	38.124	ng		99
87) Indeno(1,2,3-cd)pyrene	29.119	276	784111	37.598	ng	#	81
88) Benzo(b)fluoranthene	24.154	252	628168	38.072	ng		100
89) Benzo(k)fluoranthene	24.230	252	627844	37.866	ng		99
90) Benzo(a)pyrene	25.076	252	542373	38.017	ng		99
91) Dibenzo(a,h)anthracene	29.177	278	651941	37.890	ng		99
92) Benzo(g,h,i)perylene	30.347	276	643237	37.589	ng		99

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

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