Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
Data File : BG055408.D
Acq On : 2 Nov 2022 9:45
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 03 06:02:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.243	152	26970	20.000	ng	0.00
21) Naphthalene-d8	11.070	136	119513	20.000	ng	0.00
39) Acenaphthene-d10	14.859	164	85641	20.000	ng	0.00
64) Phenanthrene-d10	17.591	188	206730	20.000	ng	0.00
76) Chrysene-d12	21.869	240	203397	20.000	ng	0.00
86) Perylene-d12	25.241	264	225989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	118896	79.169	ng	0.00
7) Phenol-d6	7.386	99	168726	81.016	ng	0.00
23) Nitrobenzene-d5	9.419	82	171299	76.388	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	95793	82.003	ng	0.00
45) 2-Fluorobiphenyl	13.484	172	441071	76.360	ng	0.00
79) Terphenyl-d14	20.165	244	810051	77.443	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.567	88	26486	38.883	ng	99
3) Pyridine	3.990	79	78938	39.048	ng	98
4) n-Nitrosodimethylamine	3.901	42	31822	39.847	ng	98
6) Aniline	7.556	93	107141	39.665	ng	98
8) 2-Chlorophenol	7.803	128	71636	39.259	ng	99
9) Benzaldehyde	7.368	77	49356	40.311	ng	98
10) Phenol	7.415	94	94705	40.176	ng	98
11) bis(2-Chloroethyl)ether	7.644	93	69653	39.496	ng	98
12) 1,3-Dichlorobenzene	8.132	146	79580	38.477	ng	97
13) 1,4-Dichlorobenzene	8.279	146	82363	39.100	ng	99
14) 1,2-Dichlorobenzene	8.602	146	78582	38.974	ng	99
15) Benzyl Alcohol	8.478	79	68679	41.348	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.760	45	90534	38.585	ng	98
17) 2-Methylphenol	8.678	107	67439	39.762	ng	99
18) Hexachloroethane	9.336	117	28194	39.234	ng	97
19) n-Nitroso-di-n-propyla...	9.042	70	62275	38.268	ng	96
20) 3+4-Methylphenols	9.013	107	95555	39.651	ng	99
22) Acetophenone	9.072	105	118896	37.955	ng	98
24) Nitrobenzene	9.460	77	88879	38.015	ng	95
25) Isophorone	9.977	82	166604	37.514	ng	99
26) 2-Nitrophenol	10.176	139	46088	38.283	ng	96
27) 2,4-Dimethylphenol	10.223	122	64118	37.985	ng	99
28) bis(2-Chloroethoxy)met...	10.453	93	89407	37.796	ng	99
29) 2,4-Dichlorophenol	10.717	162	78295	38.024	ng	99
30) 1,2,4-Trichlorobenzene	10.929	180	85415	38.307	ng	97
31) Naphthalene	11.122	128	256749	38.156	ng	100
32) Benzoic acid	10.376	122	36521	38.107	ng	93
33) 4-Chloroaniline	11.222	127	109910	39.311	ng	98
34) Hexachlorobutadiene	11.393	225	52341	37.765	ng	97
35) Caprolactam	11.998	113	28846	37.837	ng	96
36) 4-Chloro-3-methylphenol	12.333	107	88521	39.263	ng	97
37) 2-Methylnaphthalene	12.709	142	187014	37.837	ng	98
38) 1-Methylnaphthalene	12.926	142	182505	37.858	ng	98
40) 1,2,4,5-Tetrachloroben...	13.067	216	96437	38.120	ng	100
41) Hexachlorocyclopentadiene	13.044	237	38934	36.117	ng	97
43) 2,4,6-Trichlorophenol	13.302	196	68658	38.972	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.384	196	77293	39.388	ng	98
46) 1,1'-Biphenyl	13.696	154	241503	38.323	ng	100
47) 2-Chloronaphthalene	13.749	162	197260	38.956	ng	100
48) 2-Nitroaniline	13.943	65	62101	39.929	ng	97
49) Acenaphthylene	14.583	152	320260	38.518	ng	100
50) Dimethylphthalate	14.301	163	277596	38.832	ng	99
51) 2,6-Dinitrotoluene	14.430	165	59001	39.424	ng	98
52) Acenaphthene	14.924	154	191262	38.651	ng	99
53) 3-Nitroaniline	14.759	138	66706	39.658	ng	99
54) 2,4-Dinitrophenol	14.971	184	30620	36.827	ng	97
55) Dibenzofuran	15.253	168	319876	39.053	ng	99
56) 4-Nitrophenol	15.065	139	48482	42.037	ng	96
57) 2,4-Dinitrotoluene	15.212	165	88133	41.186	ng	96
58) Fluorene	15.899	166	260074	39.086	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.476	232	69423	39.345	ng	98
60) Diethylphthalate	15.647	149	294767	39.678	ng	99
61) 4-Chlorophenyl-phenyle...	15.882	204	134139	38.993	ng	99
62) 4-Nitroaniline	15.917	138	72380	40.673	ng	99
63) Azobenzene	16.175	77	242435	39.258	ng	99
65) 4,6-Dinitro-2-methylph...	15.976	198	54033	40.576	ng	96
66) n-Nitrosodiphenylamine	16.093	169	234220	38.108	ng	99
67) 4-Bromophenyl-phenylether	16.769	248	92362	37.795	ng	98
68) Hexachlorobenzene	16.898	284	106564	38.239	ng	97
69) Atrazine	17.027	200	80122	38.829	ng	99
70) Pentachlorophenol	17.245	266	49999	37.002	ng	97
71) Phenanthrene	17.632	178	448880	38.602	ng	100
72) Anthracene	17.726	178	438204	38.446	ng	99
73) Carbazole	17.991	167	413592	39.002	ng	100
74) Di-n-butylphthalate	18.520	149	526320	39.740	ng	100
75) Fluoranthene	19.624	202	542725	38.802	ng	99
77) Benzidine	19.795	184	192154	45.377	ng	99
78) Pyrene	19.983	202	553409	38.568	ng	100
80) Butylbenzylphthalate	20.840	149	230465	38.525	ng	100
81) Benzo(a)anthracene	21.845	228	542380	38.846	ng	99
82) 3,3'-Dichlorobenzidine	21.751	252	189712	39.622	ng	98
83) Chrysene	21.916	228	513497	38.549	ng	99
84) Bis(2-ethylhexyl)phtha...	21.710	149	338199	38.892	ng	99
85) Di-n-octyl phthalate	22.961	149	577212	38.740	ng	100
87) Indeno(1,2,3-cd)pyrene	29.137	276	696004	38.359	ng	100
88) Benzo(b)fluoranthene	24.166	252	545445	37.997	ng	100
89) Benzo(k)fluoranthene	24.236	252	562304	38.980	ng	100
90) Benzo(a)pyrene	25.083	252	474527	38.231	ng	99
91) Dibenzo(a,h)anthracene	29.189	278	580637	38.788	ng	100
92) Benzo(g,h,i)perylene	30.359	276	566501	38.050	ng	98

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

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