Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
Data File : BG058047.D
Acq On : 6 Jul 2023 12:49
Operator : CG/JU
Sample : PB153592BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS592

Quant Time: Jul 06 14:35:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 05 23:20:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	33183	20.000	ng/ul	0.00
20) Naphthalene-d8	10.720	136	149820	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.556	164	106953	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.300	188	268544	20.000	ng/ul	0.00
79) Chrysene-d12	21.560	240	248390	20.000	ng/ul	0.00
88) Perylene-d12	24.715	264	316779	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	6223	6.567	ng/uL	0.00
4) Pyridine-d5	3.769	84	95708	33.267	ng/ul	0.00
7) Phenol-d5	7.083	99	112990	33.342	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.247	67	68065	33.329	ng/ul	0.00
11) 2-Chlorophenol-d4	7.453	132	79793	34.140	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	85999	33.632	ng/ul	0.00
21) Nitrobenzene-d5	9.080	128	41655	34.113	ng/ul	0.00
24) 2-Nitrophenol-d4	9.803	143	46690	36.381	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.344	165	85224	34.617	ng/ul	0.00
31) 4-Chloroaniline-d4	10.855	131	108576	29.088	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	285099	33.785	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	314661	34.170	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	52135	34.968	ng/ul	0.00
60) Fluorene-d10	15.549	176	245498	34.255	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.667	200	53790	36.888	ng/ul	0.00
73) Anthracene-d10	17.400	188	419331	33.651	ng/ul	0.00
81) Pyrene-d10	19.692	212	517021	33.050	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.498	264	555120	34.396	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	15502	13.242	ng/uL	99
5) Pyridine	3.787	79	97421	33.050	ng/ul	98
6) Benzaldehyde	7.059	77	48323	42.699	ng/ul	92
8) Phenol	7.112	94	125341	36.448	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.335	93	90979	34.264	ng/ul	99
12) 2-Chlorophenol	7.482	128	84049	34.557	ng/ul	96
13) 2-Methylphenol	8.364	108	93785	34.725	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.446	45	145887	35.693	ng/ul	99
16) Acetophenone	8.740	105	148998	35.121	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.722	70	78133	34.451	ng/ul	97
18) 4-Methylphenol	8.693	108	105633	36.172	ng/ul	98
19) Hexachloroethane	8.998	117	33015	35.409	ng/ul	95
22) Nitrobenzene	9.122	77	111049	35.032	ng/ul	98
23) Isophorone	9.645	82	234144	34.616	ng/ul	99
25) 2-Nitrophenol	9.833	139	50006	36.313	ng/ul	94
26) 2,4-Dimethylphenol	9.897	107	100645	32.501	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.126	93	131390	34.471	ng/ul	97
29) 2,4-Dichlorophenol	10.373	162	88527	36.983	ng/ul	94
30) Naphthalene	10.773	128	294325	34.957	ng/ul	99
32) 4-Chloroaniline	10.884	127	99516	26.074	ng/ul	100
33) Hexachlorobutadiene	11.055	225	60482	35.690	ng/ul	95
34) Caprolactam	11.636	113	34393	35.738	ng/ul	93
35) 4-Chloro-3-methylphenol	12.012	107	109687	37.303	ng/ul	98
36) 2-Methylnaphthalene	12.382	142	197348	34.771	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.600	142	202250	35.536	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.747	216	116480	35.737	ng/ul	99
40) Hexachlorocyclopentadiene	12.723	237	61212	29.816	ng/ul	99
41) 2,4,6-Trichlorophenol	12.994	196	73559	33.299	ng/ul	95
42) 2,4,5-Trichlorophenol	13.064	196	82998	34.741	ng/ul	98
43) 1,1'-Biphenyl	13.393	154	268046	34.777	ng/ul	98
44) 2-Chloronaphthalene	13.434	162	215957	34.912	ng/ul	100
45) 2-Nitroaniline	13.640	65	79561	36.993	ng/ul	95
47) Dimethylphthalate	14.010	163	295281	34.828	ng/ul	99
48) 2,6-Dinitrotoluene	14.127	165	62458	35.890	ng/ul	92
50) Acenaphthylene	14.280	152	345898	34.784	ng/ul	98
51) 3-Nitroaniline	14.462	138	59988	40.790	ng/ul	97
52) Acenaphthene	14.621	153	239407	35.085	ng/ul	97
53) 2,4-Dinitrophenol	14.668	184	34718	38.267	ng/ul	92
55) 4-Nitrophenol	14.774	109	40457	36.630	ng/ul	86
56) Dibenzofuran	14.956	168	347297	35.804	ng/ul	99
57) 2,4-Dinitrotoluene	14.921	165	95362	38.676	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.179	232	66865	30.745	ng/ul#	98
59) Diethylphthalate	15.367	149	310483	35.088	ng/ul	99
61) Fluorene	15.602	166	281175	35.329	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.596	204	152786	36.281	ng/ul	97
63) 4-Nitroaniline	15.626	138	65043	49.370	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.684	198	57088	38.283	ng/ul#	98
67) N-Nitrosodiphenylamine	15.808	169	244290	34.182	ng/ul	99
68) 4-Bromophenyl-phenylether	16.489	248	105175	35.680	ng/ul	98
69) Hexachlorobenzene	16.607	284	120932	36.642	ng/ul	99
70) Atrazine	16.754	200	12982	4.442	ng/ul	97
71) Pentachlorophenol	16.954	266	54424	27.468	ng/ul	99
72) Phenanthrene	17.341	178	479727	35.119	ng/ul	100
74) Anthracene	17.435	178	476756	34.489	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.358	216	122451	34.382	ng/uL	96
76) Pentachlorobenzene	14.874	250	132235	34.765	ng/uL	97
77) Carbazole	17.706	167	461211	36.892	ng/ul	99
78) Di-n-butylphthalate	18.258	149	579168	36.368	ng/ul	99
80) Fluoranthene	19.357	202	616738	34.023	ng/ul	98
82) Pyrene	19.721	202	618741	33.910	ng/ul	99
83) Butylbenzylphthalate	20.602	149	258723	34.967	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.454	252	222048	36.926	ng/ul	95
85) Benzo(a)anthracene	21.536	228	633058	35.496	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.442	149	370776	34.968	ng/ul	96
87) Chrysene	21.601	228	602287	36.024	ng/ul	99
89) Di-n-octyl phthalate	22.623	149	664801	34.156	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	667485	34.031	ng/ul	99
91) Benzo(k)fluoranthene	23.775	252	679154	35.326	ng/ul	99
93) Benzo(a)pyrene	24.568	252	598898	34.498	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.311	276	805394	34.936	ng/ul	98
95) Dibenzo(a,h)anthracene	28.370	278	662002	34.824	ng/ul	99
96) Benzo(g,h,i)perylene	29.439	276	654619	34.765	ng/ul	99

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

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