Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
Data File : BG058026.D
Acq On : 5 Jul 2023 21:22
Operator : CG/JU
Sample : PB153514BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 05 23:44:40 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

Instrument :
BNA_G
ClientSampleId :
SLCS514

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/06/2023
Supervised By :mohammad ahmed 07/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	54271	20.000	ng/ul	0.00
20) Naphthalene-d8	10.726	136	242019	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.556	164	164587	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.306	188	386000	20.000	ng/ul	0.00
79) Chrysene-d12	21.560	240	335010	20.000	ng/ul	0.00
88) Perylene-d12	24.721	264	421432	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	9368	6.044	ng/uL	0.00
4) Pyridine-d5	3.769	84	136901	29.095	ng/ul	0.00
7) Phenol-d5	7.089	99	165864	29.926	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.247	67	102927	30.816	ng/ul	0.00
11) 2-Chlorophenol-d4	7.453	132	122468	32.038	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	131471	31.437	ng/ul	0.00
21) Nitrobenzene-d5	9.086	128	65041	32.973	ng/ul	0.00
24) 2-Nitrophenol-d4	9.803	143	71212	34.350	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.350	165	131466	33.057	ng/ul	0.00
31) 4-Chloroaniline-d4	10.861	131	170805	28.327	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	425183	32.741	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	470561	33.206	ng/ul	0.00
54) 4-Nitrophenol-d4	14.768	143	71884	31.331	ng/ul	0.00
60) Fluorene-d10	15.549	176	358594	32.515	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	75345	35.947	ng/ul	0.00
73) Anthracene-d10	17.400	188	569085	31.772	ng/ul	0.00
81) Pyrene-d10	19.692	212	672514	31.874	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.498	264	718544	33.466	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	19934	10.411	ng/uL#	88
5) Pyridine	3.793	79	131356	27.247	ng/ul	99
6) Benzaldehyde	7.059	77	90255	48.762	ng/ul	96
8) Phenol	7.118	94	169184	30.081	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.341	93	124922	28.766	ng/ul	99
12) 2-Chlorophenol	7.488	128	116243	29.222	ng/ul	98
13) 2-Methylphenol	8.364	108	129408	29.297	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.446	45	200250	29.956	ng/ul	98
16) Acetophenone	8.746	105	204515	29.475	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.728	70	107477	28.976	ng/ul	98
18) 4-Methylphenol	8.699	108	143119	29.965	ng/ul	97
19) Hexachloroethane	9.004	117	44613	29.255	ng/ul	98
22) Nitrobenzene	9.127	77	154163	30.106	ng/ul	95
23) Isophorone	9.645	82	324802	29.726	ng/ul	99
25) 2-Nitrophenol	9.838	139	69876	31.411	ng/ul	97
26) 2,4-Dimethylphenol	9.897	107	144268	28.840	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.132	93	181156	29.422	ng/ul	99
29) 2,4-Dichlorophenol	10.373	162	118310	30.597	ng/ul	93
30) Naphthalene	10.778	128	398102	29.270	ng/ul	99
32) 4-Chloroaniline	10.884	127	148615	24.105	ng/ul	98
33) Hexachlorobutadiene	11.055	225	82178	30.019	ng/ul	94
34) Caprolactam	11.648	113	45314m	29.148	ng/ul	
35) 4-Chloro-3-methylphenol	12.018	107	144043	30.325	ng/ul	98
36) 2-Methylnaphthalene	12.383	142	269235	29.366	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.606	142	274606	29.868	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.753	216	158128	31.527	ng/ul	99
40) Hexachlorocyclopentadiene	12.729	237	89269	28.256	ng/ul	97
41) 2,4,6-Trichlorophenol	12.994	196	108165	31.818	ng/ul	93
42) 2,4,5-Trichlorophenol	13.070	196	118037	32.106	ng/ul	96
43) 1,1'-Biphenyl	13.393	154	361704	30.496	ng/ul	99
44) 2-Chloronaphthalene	13.440	162	291780	30.652	ng/ul	98
45) 2-Nitroaniline	13.640	65	105997	32.027	ng/ul	99
47) Dimethylphthalate	14.010	163	390017	29.894	ng/ul	99
48) 2,6-Dinitrotoluene	14.133	165	83832	31.304	ng/ul	96
50) Acenaphthylene	14.280	152	459720	30.042	ng/ul	99
51) 3-Nitroaniline	14.462	138	78724	34.785	ng/ul	99
52) Acenaphthene	14.621	153	317668	30.252	ng/ul	98
53) 2,4-Dinitrophenol	14.674	184	46372	33.214	ng/ul	98
55) 4-Nitrophenol	14.780	109	49564	29.161	ng/ul	89
56) Dibenzofuran	14.956	168	452856	30.338	ng/ul	99
57) 2,4-Dinitrotoluene	14.921	165	121423	32.001	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.185	232	104361	31.182	ng/ul	98
59) Diethylphthalate	15.373	149	403564	29.636	ng/ul	99
61) Fluorene	15.608	166	362618	29.607	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.596	204	198844	30.683	ng/ul	97
63) 4-Nitroaniline	15.632	138	82329	40.609	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.685	198	70931	33.092	ng/ul	96
67) N-Nitrosodiphenylamine	15.814	169	315246	30.688	ng/ul	99
68) 4-Bromophenyl-phenylether	16.489	248	137159	32.371	ng/ul	99
69) Hexachlorobenzene	16.607	284	152910	32.233	ng/ul	99
70) Atrazine	16.760	200	90044	21.435	ng/ul	96
71) Pentachlorophenol	16.954	266	85678	30.084	ng/ul	97
72) Phenanthrene	17.347	178	595913	30.350	ng/ul	100
74) Anthracene	17.441	178	587766	29.582	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.358	216	162820	31.805	ng/uL	97
76) Pentachlorobenzene	14.880	250	176146	32.218	ng/uL	98
77) Carbazole	17.706	167	547593	30.473	ng/ul	99
78) Di-n-butylphthalate	18.258	149	698328	30.507	ng/ul	99
80) Fluoranthene	19.357	202	713680	29.191	ng/ul	100
82) Pyrene	19.721	202	717966	29.174	ng/ul	99
83) Butylbenzylphthalate	20.602	149	312991	31.364	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.454	252	258342	31.854	ng/ul	96
85) Benzo(a)anthracene	21.536	228	731220	30.399	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.442	149	445599	31.159	ng/ul	97
87) Chrysene	21.607	228	688257	30.523	ng/ul	98
89) Di-n-octyl phthalate	22.629	149	794003	30.664	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	788952	30.235	ng/ul	99
91) Benzo(k)fluoranthene	23.781	252	768003	30.028	ng/ul	99
93) Benzo(a)pyrene	24.574	252	687356	29.761	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.329	276	934502	30.470	ng/ul	99
95) Dibenzo(a,h)anthracene	28.376	278	775920	30.681	ng/ul	99
96) Benzo(g,h,i)perylene	29.457	276	767065	30.621	ng/ul	98

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

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