Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
Data File : BG058045.D
Acq On : 6 Jul 2023 11:25
Operator : CG/JU
Sample : PB153585BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jul 06 12:01:52 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 :
SLCS585

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	42254	20.000	ng/ul	0.00
20) Naphthalene-d8	10.726	136	189101	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	135265	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.301	188	352563	20.000	ng/ul	0.00
79) Chrysene-d12	21.554	240	325078	20.000	ng/ul	0.00
88) Perylene-d12	24.715	264	415558	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	7085	5.871	ng/uL	0.00
4) Pyridine-d5	3.764	84	101354	27.667	ng/ul	-0.01
7) Phenol-d5	7.083	99	122370	28.358	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	74415	28.616	ng/ul	0.00
11) 2-Chlorophenol-d4	7.453	132	89190	29.968	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	95319	29.274	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	45718	29.663	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	50516	31.186	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.344	165	94852	30.524	ng/ul	0.00
31) 4-Chloroaniline-d4	10.861	131	128311	27.235	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	325215	30.472	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	354934	30.476	ng/ul	0.00
54) 4-Nitrophenol-d4	14.762	143	62174	32.973	ng/ul	0.00
60) Fluorene-d10	15.550	176	282520	31.170	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	62204	32.492	ng/ul	0.00
73) Anthracene-d10	17.401	188	486175	29.718	ng/ul	0.00
81) Pyrene-d10	19.692	212	611377	29.862	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.498	264	655225	30.948	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	15799	10.598	ng/uL	95
5) Pyridine	3.787	79	95396	25.415	ng/ul	97
6) Benzaldehyde	7.060	77	67638	46.935	ng/ul	94
8) Phenol	7.113	94	122744	28.031	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.336	93	90477	26.760	ng/ul	99
12) 2-Chlorophenol	7.483	128	83621	27.000	ng/ul	99
13) 2-Methylphenol	8.364	108	94063	27.351	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.446	45	142646	27.408	ng/ul	98
16) Acetophenone	8.740	105	145545	26.942	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.722	70	77113	26.702	ng/ul	99
18) 4-Methylphenol	8.693	108	103762	27.903	ng/ul	95
19) Hexachloroethane	8.999	117	32469	27.347	ng/ul	99
22) Nitrobenzene	9.122	77	111237	27.802	ng/ul	97
23) Isophorone	9.645	82	232198	27.197	ng/ul	98
25) 2-Nitrophenol	9.833	139	50269	28.921	ng/ul	97
26) 2,4-Dimethylphenol	9.898	107	98108	25.101	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.127	93	127207	26.441	ng/ul	99
29) 2,4-Dichlorophenol	10.373	162	86704	28.698	ng/ul	96
30) Naphthalene	10.779	128	289149	27.209	ng/ul	99
32) 4-Chloroaniline	10.885	127	112090	23.268	ng/ul	100
33) Hexachlorobutadiene	11.055	225	59947	28.026	ng/ul	94
34) Caprolactam	11.637	113	35795m	29.468	ng/ul	
35) 4-Chloro-3-methylphenol	12.013	107	108129	29.135	ng/ul	99
36) 2-Methylnaphthalene	12.383	142	193264	26.978	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.600	142	198882	27.685	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.753	216	112983	27.409	ng/ul	97
40) Hexachlorocyclopentadiene	12.730	237	57978	22.330	ng/ul	98
41) 2,4,6-Trichlorophenol	12.994	196	80408	28.781	ng/ul	93
42) 2,4,5-Trichlorophenol	13.070	196	88395	29.256	ng/ul	98
43) 1,1'-Biphenyl	13.393	154	265474	27.234	ng/ul	99
44) 2-Chloronaphthalene	13.435	162	214590	27.430	ng/ul	99
45) 2-Nitroaniline	13.640	65	81019	29.786	ng/ul	99
47) Dimethylphthalate	14.010	163	305718	28.512	ng/ul	99
48) 2,6-Dinitrotoluene	14.134	165	66385	30.162	ng/ul	98
50) Acenaphthylene	14.281	152	348300	27.695	ng/ul	99
51) 3-Nitroaniline	14.463	138	65096	34.999	ng/ul	97
52) Acenaphthene	14.621	153	238204	27.602	ng/ul	97
53) 2,4-Dinitrophenol	14.674	184	37094	32.328	ng/ul	97
55) 4-Nitrophenol	14.780	109	42773	30.621	ng/ul	87
56) Dibenzofuran	14.956	168	346048	28.208	ng/ul	99
57) 2,4-Dinitrotoluene	14.921	165	97654	31.316	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.185	232	82154	29.868	ng/ul	97
59) Diethylphthalate	15.374	149	324605	29.005	ng/ul	100
61) Fluorene	15.609	166	286520	28.465	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.597	204	153713	28.861	ng/ul	99
63) 4-Nitroaniline	15.632	138	69640	41.796	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.685	198	60947	31.131	ng/ul	98
67) N-Nitrosodiphenylamine	15.814	169	256216	27.307	ng/ul	99
68) 4-Bromophenyl-phenylether	16.490	248	110966	28.673	ng/ul	98
69) Hexachlorobenzene	16.607	284	126493	29.194	ng/ul	98
70) Atrazine	16.754	200	76518	19.943	ng/ul	98
71) Pentachlorophenol	16.954	266	71689	27.559	ng/ul	98
72) Phenanthrene	17.348	178	503513	28.076	ng/ul	99
74) Anthracene	17.436	178	504591	27.804	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.358	216	119579	25.574	ng/uL	97
76) Pentachlorobenzene	14.874	250	133621	26.758	ng/uL	97
77) Carbazole	17.706	167	488665	29.773	ng/ul	100
78) Di-n-butylphthalate	18.258	149	613339	29.335	ng/ul	100
80) Fluoranthene	19.357	202	643615	27.130	ng/ul	98
82) Pyrene	19.721	202	648634	27.162	ng/ul	99
83) Butylbenzylphthalate	20.603	149	276193	28.522	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.455	252	247853	31.494	ng/ul	98
85) Benzo(a)anthracene	21.537	228	665115	28.496	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.437	149	395473	28.499	ng/ul	96
87) Chrysene	21.602	228	630450	28.813	ng/ul	98
89) Di-n-octyl phthalate	22.624	149	709032	27.769	ng/ul	100
90) Benzo(b)fluoranthene	23.711	252	711320	27.645	ng/ul	99
91) Benzo(k)fluoranthene	23.775	252	708460	28.091	ng/ul	99
93) Benzo(a)pyrene	24.569	252	632676	27.781	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.311	276	844465	27.924	ng/ul	98
95) Dibenzo(a,h)anthracene	28.370	278	707908	28.387	ng/ul	99
96) Benzo(g,h,i)perylene	29.445	276	698349	28.272	ng/ul	98

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

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