Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056827.D
Acq On : 4 Mar 2023 7:37
Operator : CG/JU
Sample : 01711-16MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 05 23:56:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBAD0MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/06/2023
Supervised By :Jagrut Upadhyay 03/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	15896	20.000	ng/ul	0.00
20) Naphthalene-d8	11.258	136	70408	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.018	164	55898	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.756	188	138104	20.000	ng/ul	0.00
79) Chrysene-d12	22.069	240	128401	20.000	ng/ul	0.00
88) Perylene-d12	25.588	264	141712	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.696	96	2019	7.046	ng/uL	0.00
4) Pyridine-d5	4.137	84	37036	32.020	ng/ul	0.00
7) Phenol-d5	7.545	99	53755	33.793	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	32844	33.849	ng/ul	0.00
11) 2-Chlorophenol-d4	7.938	132	35007	33.139	ng/ul	0.00
15) 4-Methylphenol-d8	9.107	113	41233	33.924	ng/ul	0.00
21) Nitrobenzene-d5	9.589	128	19679	33.352	ng/ul	0.00
24) 2-Nitrophenol-d4	10.324	143	23642	33.661	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.858	165	45951	34.728	ng/ul	0.00
31) 4-Chloroaniline-d4	11.375	131	51468	29.823	ng/ul	0.00
46) Dimethylphthalate-d6	14.407	166	147496	32.704	ng/ul	0.00
49) Acenaphthylene-d8	14.719	160	169564	33.080	ng/ul	0.00
54) 4-Nitrophenol-d4	15.183	143	24820	31.920	ng/ul	0.00
60) Fluorene-d10	16.005	176	136539	32.729	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.105	200	30751	33.281	ng/ul	0.00
73) Anthracene-d10	17.856	188	216421	32.302	ng/ul	0.00
81) Pyrene-d10	20.112	212	263249	30.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.353	264	253616	33.156	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.737	88	5617	15.898	ng/uL	96
5) Pyridine	4.154	79	44224	36.103	ng/ul	97
6) Benzaldehyde	7.539	77	35941	43.127	ng/ul	96
8) Phenol	7.568	94	59687	36.786	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.815	93	39886	34.598	ng/ul	97
12) 2-Chlorophenol	7.973	128	36784	35.162	ng/ul	97
13) 2-Methylphenol	8.843	108	43160	35.266	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.931	45	53196	34.339	ng/ul	100
16) Acetophenone	9.243	105	71088	34.154	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.219	70	40238	33.693	ng/ul	99
18) 4-Methylphenol	9.172	108	45797	34.438	ng/ul	97
19) Hexachloroethane	9.519	117	14887	33.465	ng/ul	93
22) Nitrobenzene	9.636	77	62706	36.648	ng/ul	98
23) Isophorone	10.153	82	114715	34.293	ng/ul	97
25) 2-Nitrophenol	10.353	139	24739	35.682	ng/ul#	90
26) 2,4-Dimethylphenol	10.394	107	54689	35.321	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.635	93	58474	34.583	ng/ul	98
29) 2,4-Dichlorophenol	10.888	162	46478	36.273	ng/ul	95
30) Naphthalene	11.305	128	132784	34.262	ng/ul	99
32) 4-Chloroaniline	11.399	127	49982	29.237	ng/ul	97
33) Hexachlorobutadiene	11.581	225	35327	34.593	ng/ul	94
34) Caprolactam	12.145	113	15075m	34.607	ng/ul	
35) 4-Chloro-3-methylphenol	12.486	107	51626	35.071	ng/ul	93
36) 2-Methylnaphthalene	12.879	142	95627	34.454	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.097	142	96486	35.258	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.238	216	72175	36.419	ng/ul	96
40) Hexachlorocyclopentadiene	13.214	237	41323	29.099	ng/ul	99
41) 2,4,6-Trichlorophenol	13.467	196	47009	35.499	ng/ul	96
42) 2,4,5-Trichlorophenol	13.538	196	52771	36.701	ng/ul	96
43) 1,1'-Biphenyl	13.861	154	139453	33.927	ng/ul	97
44) 2-Chloronaphthalene	13.914	162	117135	34.442	ng/ul	91
45) 2-Nitroaniline	14.102	65	43221	36.614	ng/ul	92
47) Dimethylphthalate	14.454	163	153392	33.445	ng/ul#	99
48) 2,6-Dinitrotoluene	14.583	165	32555	34.626	ng/ul	93
50) Acenaphthylene	14.748	152	176646	34.113	ng/ul	98
51) 3-Nitroaniline	14.912	138	28632	34.027	ng/ul#	92
52) Acenaphthene	15.083	153	119670	33.641	ng/ul	95
53) 2,4-Dinitrophenol	15.112	184	21427	35.575	ng/ul#	89
55) 4-Nitrophenol	15.200	109	32362	35.956	ng/ul	89
56) Dibenzofuran	15.418	168	185214	34.299	ng/ul	99
57) 2,4-Dinitrotoluene	15.365	165	45784	33.967	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.629	232	47245	35.308	ng/ul	99
59) Diethylphthalate	15.805	149	152136	33.138	ng/ul	99
61) Fluorene	16.058	166	145391	33.625	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.040	204	88661	34.618	ng/ul	98
63) 4-Nitroaniline	16.070	138	29033	35.314	ng/ul	85
66) 4,6-Dinitro-2-methylph...	16.123	198	30942	34.785	ng/ul	98
67) N-Nitrosodiphenylamine	16.252	169	129324	33.675	ng/ul	100
68) 4-Bromophenyl-phenylether	16.934	248	60571	34.609	ng/ul	96
69) Hexachlorobenzene	17.063	284	64172	34.129	ng/ul	98
70) Atrazine	17.180	200	55118	33.045	ng/ul	97
71) Pentachlorophenol	17.398	266	37759m	35.366	ng/ul	
72) Phenanthrene	17.797	178	253480	33.884	ng/ul	99
74) Anthracene	17.891	178	248676	32.894	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.831	216	76050	35.996	ng/uL	95
76) Pentachlorobenzene	15.335	250	75364	35.171	ng/uL	94
77) Carbazole	18.150	167	213494	33.752	ng/ul	98
78) Di-n-butylphthalate	18.679	149	246232	33.776	ng/ul	98
80) Fluoranthene	19.783	202	322253	30.674	ng/ul#	98
82) Pyrene	20.142	202	315667	30.499	ng/ul	98
83) Butylbenzylphthalate	20.999	149	110211	33.567	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.939	252	99991	31.060	ng/ul	97
85) Benzo(a)anthracene	22.045	228	320521	34.298	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.904	149	156947	34.027	ng/ul	99
87) Chrysene	22.116	228	298460	34.290	ng/ul	99
89) Di-n-octyl phthalate	23.214	149	267520	34.724	ng/ul	100
90) Benzo(b)fluoranthene	24.460	252	325822	34.345	ng/ul	98
91) Benzo(k)fluoranthene	24.536	252	319979	34.628	ng/ul	98
93) Benzo(a)pyrene	25.429	252	281377	33.742	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.654	276	389285	34.364	ng/ul#	97
95) Dibenzo(a,h)anthracene	29.730	278	319542	33.737	ng/ul#	92
96) Benzo(g,h,i)perylene	30.929	276	311279	34.400	ng/ul	98

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

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