Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050823\
Data File : BG057349.D
Acq On : 9 May 2023 4:27
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 09 05:11:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 08 11:47:25 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020480

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.372	152	19015	20.000	ng/ul	0.00
20) Naphthalene-d8	11.209	136	81764	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.987	164	66566	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.724	188	165312	20.000	ng/ul	0.00
79) Chrysene-d12	22.042	240	151019	20.000	ng/ul	0.00
88) Perylene-d12	25.555	264	156572	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	3639	8.422	ng/uL	0.00
4) Pyridine-d5	4.090	84	26492	19.447	ng/ul	0.00
7) Phenol-d5	7.509	99	36744	20.433	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.673	67	19298	18.246	ng/ul	0.00
11) 2-Chlorophenol-d4	7.896	132	24153	20.382	ng/ul	0.00
15) 4-Methylphenol-d8	9.077	113	28574	20.907	ng/ul	0.00
21) Nitrobenzene-d5	9.547	128	13778	21.160	ng/ul	0.00
24) 2-Nitrophenol-d4	10.281	143	15773	20.756	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	31893	21.754	ng/ul	0.00
31) 4-Chloroaniline-d4	11.339	131	40052	20.612	ng/ul	0.00
46) Dimethylphthalate-d6	14.370	166	103649	19.651	ng/ul	0.00
49) Acenaphthylene-d8	14.681	160	121019	20.414	ng/ul	0.00
54) 4-Nitrophenol-d4	15.175	143	14255	18.567	ng/ul	0.00
60) Fluorene-d10	15.968	176	101652	20.688	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.091	200	19244	19.648	ng/ul	0.00
73) Anthracene-d10	17.824	188	156977	20.804	ng/ul	0.00
81) Pyrene-d10	20.092	212	183218	20.439	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.308	264	166461	20.868	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.690	88	3946	8.611	ng/uL	89
5) Pyridine	4.113	79	28266	19.683	ng/ul	88
6) Benzaldehyde	7.503	77	12633m	23.001	ng/ul	
8) Phenol	7.538	94	35688	19.690	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.773	93	26054	19.207	ng/ul	94
12) 2-Chlorophenol	7.932	128	26414	21.221	ng/ul	96
13) 2-Methylphenol	8.807	108	27618	19.662	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.889	45	30891	17.663	ng/ul#	89
16) Acetophenone	9.200	105	46445	19.748	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.171	70	24925	18.443	ng/ul	96
18) 4-Methylphenol	9.136	108	30430	20.014	ng/ul	93
19) Hexachloroethane	9.471	117	10868	20.868	ng/ul	90
22) Nitrobenzene	9.594	77	37157	19.164	ng/ul	99
23) Isophorone	10.111	82	70023	18.981	ng/ul	98
25) 2-Nitrophenol	10.311	139	16806	21.835	ng/ul	93
26) 2,4-Dimethylphenol	10.352	107	35780	20.492	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.587	93	37015	19.302	ng/ul	95
29) 2,4-Dichlorophenol	10.851	162	30946	22.238	ng/ul	94
30) Naphthalene	11.262	128	93772	20.888	ng/ul	97
32) 4-Chloroaniline	11.362	127	41330	20.414	ng/ul	99
33) Hexachlorobutadiene	11.533	225	25135	21.296	ng/ul	97
34) Caprolactam	12.108	113	10007	21.361	ng/ul	91
35) 4-Chloro-3-methylphenol	12.461	107	35281	22.035	ng/ul	96
36) 2-Methylnaphthalene	12.837	142	68681	20.862	ng/ul	99

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37) 1-Methylnaphthalene	13.054	142	68654	20.739	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	13.201	216	51364	21.234	ng/ul	99
40) Hexachlorocyclopentadiene	13.171	237	19956	16.531	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.436	196	29501	20.940	ng/ul	98
42) 2,4,5-Trichlorophenol	13.512	196	31059	20.534	ng/ul	97
43) 1,1'-Biphenyl	13.824	154	103104	20.299	ng/ul	99
44) 2-Chloronaphthalene	13.876	162	81013	20.571	ng/ul	99
45) 2-Nitroaniline	14.070	65	24835	20.889	ng/ul	94
47) Dimethylphthalate	14.417	163	103575	19.555	ng/ul	98
48) 2,6-Dinitrotoluene	14.552	165	23072	21.166	ng/ul	96
50) Acenaphthylene	14.711	152	122595	20.350	ng/ul	99
51) 3-Nitroaniline	14.887	138	16823	21.781	ng/ul	90
52) Acenaphthene	15.051	153	86154	20.072	ng/ul	98
53) 2,4-Dinitrophenol	15.098	184	9650	16.624	ng/ul	92
55) 4-Nitrophenol	15.186	109	15047	17.289	ng/ul	94
56) Dibenzofuran	15.380	168	127901	20.635	ng/ul	99
57) 2,4-Dinitrotoluene	15.339	165	33972	21.771	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.609	232	29027	21.119	ng/ul	92
59) Diethylphthalate	15.762	149	106392	19.771	ng/ul	98
61) Fluorene	16.026	166	106640	20.347	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.003	204	61208	20.009	ng/ul	99
63) 4-Nitroaniline	16.038	138	13485	18.437	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.103	198	19705	19.743	ng/ul#	98
67) N-Nitrosodiphenylamine	16.214	169	88782	20.560	ng/ul	98
68) 4-Bromophenyl-phenylether	16.902	248	41588	21.048	ng/ul	97
69) Hexachlorobenzene	17.031	284	45146	21.698	ng/ul	97
70) Atrazine	17.148	200	40743	21.229	ng/ul	98
71) Pentachlorophenol	17.383	266	15124m	15.726	ng/ul	
72) Phenanthrene	17.765	178	179283	20.826	ng/ul	98
74) Anthracene	17.859	178	178942	20.693	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.800	216	53371	21.465	ng/uL	98
76) Pentachlorobenzene	15.304	250	53503	21.140	ng/uL	99
77) Carbazole	18.124	167	152459	21.097	ng/ul	99
78) Di-n-butylphthalate	18.641	149	173666	21.016	ng/ul	99
80) Fluoranthene	19.757	202	221795	20.829	ng/ul	98
82) Pyrene	20.121	202	221638	20.561	ng/ul	98
83) Butylbenzylphthalate	20.973	149	77045	22.318	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.913	252	74946	22.346	ng/ul	98
85) Benzo(a)anthracene	22.018	228	222838	20.863	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.860	149	108298	21.570	ng/ul	99
87) Chrysene	22.089	228	206025	20.445	ng/ul	99
89) Di-n-octyl phthalate	23.158	149	183410	21.213	ng/ul	100
90) Benzo(b)fluoranthene	24.427	252	225825	20.828	ng/ul	99
91) Benzo(k)fluoranthene	24.503	252	219231	20.783	ng/ul	100
93) Benzo(a)pyrene	25.390	252	190918	20.396	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.614	276	243386	20.800	ng/ul	97
95) Dibenzo(a,h)anthracene	29.661	278	202837	20.906	ng/ul	98
96) Benzo(g,h,i)perylene	30.895	276	194037	20.490	ng/ul	97

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

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