Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013122\
Data File : BG052214.D
Acq On : 31 Jan 2022 13:32
Operator : CG/JU
Sample : SSTD00549
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005449

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/01/2022
Supervised By :mohammad ahmed 02/01/2022

Quant Time: Jan 31 15:50:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 15:44:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.241	152	29494	20.000	ng/ul	0.00
20) Naphthalene-d8	11.072	136	110685	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.879	164	79798	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.628	188	200643m	20.000	ng/ul	0.00
79) Chrysene-d12	21.946	240	199908m	20.000	ng/ul	0.00
88) Perylene-d12	25.418	264	197843	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.565	96	1373	1.663	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.765	132	8277	4.331	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.404	128	4136	4.729	ng/ul	0.00
24) 2-Nitrophenol-d4	10.133	143	4270	4.414	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.691	165	8537	4.515	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.268	166	29917	4.536	ng/ul	0.00
49) Acenaphthylene-d8	14.574	160	35673	4.477	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.866	176	25642	4.459	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.728	188	45538m	4.784	ng/ul	0.00
81) Pyrene-d10	20.002	212	55719m	4.843	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.177	264	47485	4.559	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.612	88	1484m	1.558	ng/uL	
12) 2-Chlorophenol	7.795	128	9026	4.642	ng/ul#	83
17) N-Nitroso-di-n-propyla...	9.034	70	8768	4.052	ng/ul#	89
19) Hexachloroethane	9.339	117	3560	4.241	ng/ul#	68
22) Nitrobenzene	9.451	77	11885	4.381	ng/ul	94
23) Isophorone	9.974	82	21162	4.126	ng/ul	99
25) 2-Nitrophenol	10.174	139	4932	4.639	ng/ul#	85
26) 2,4-Dimethylphenol	10.221	107	10113	4.384	ng/ul#	86
27) Bis(2-Chloroethoxy)met...	10.456	93	11842	4.485	ng/ul	92
29) 2,4-Dichlorophenol	10.714	162	8924	4.806	ng/ul	92
30) Naphthalene	11.125	128	28997	4.835	ng/ul	97
33) Hexachlorobutadiene	11.413	225	7172	4.845	ng/ul	92
35) 4-Chloro-3-methylphenol	12.341	107	9321	4.348	ng/ul	98
36) 2-Methylnaphthalene	12.717	142	20253	4.740	ng/ul	90
37) 1-Methylnaphthalene	12.935	142	21791	4.970	ng/ul	90
39) 1,2,4,5-Tetrachloroben...	13.087	216	13079	4.740	ng/ul	94
41) 2,4,6-Trichlorophenol	13.322	196	7326	4.200	ng/ul	97
42) 2,4,5-Trichlorophenol	13.393	196	8310	4.420	ng/ul	86
43) 1,1'-Biphenyl	13.710	154	30142	4.893	ng/ul	90
44) 2-Chloronaphthalene	13.757	162	22724	4.763	ng/ul	98
45) 2-Nitroaniline	13.951	65	6833	3.737	ng/ul	95
47) Dimethylphthalate	14.315	163	28333	4.356	ng/ul#	94
48) 2,6-Dinitrotoluene	14.438	165	6110	4.456	ng/ul#	84
50) Acenaphthylene	14.603	152	37728	4.809	ng/ul	96

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52) Acenaphthene	14.944	153	23908	4.583	ng/ul	92
56) Dibenzofuran	15.273	168	35535	4.690	ng/ul	97
57) 2,4-Dinitrotoluene	15.220	165	8473	4.274	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.502	232	6800	3.899	ng/ul#	98
59) Diethylphthalate	15.672	149	29096	4.336	ng/ul	97
61) Fluorene	15.925	166	29891	4.735	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.907	204	15955	4.554	ng/ul#	84
67) N-Nitrosodiphenylamine	16.119	169	24849	4.609	ng/ul	97
68) 4-Bromophenyl-phenylether	16.806	248	11052m	4.705	ng/ul	
69) Hexachlorobenzene	16.935	284	12627	4.847	ng/ul#	85
72) Phenanthrene	17.669	178	49746m	4.732	ng/ul	
74) Anthracene	17.757	178	49919	4.743	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.687	216	15044	4.992	ng/uL	95
76) Pentachlorobenzene	15.196	250	14477	4.936	ng/uL#	86
78) Di-n-butylphthalate	18.568	149	50061	4.466	ng/ul	99
80) Fluoranthene	19.673	202	65309m	4.912	ng/ul	
82) Pyrene	20.031	202	64837	4.953	ng/ul#	90
83) Butylbenzylphthalate	20.900	149	21746m	4.773	ng/ul	
85) Benzo(a)anthracene	21.922	228	62681m	4.768	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.805	149	31074m	4.664	ng/ul	
87) Chrysene	21.993	228	59308	4.685	ng/ul	99
90) Benzo(b)fluoranthene	24.302	252	63450	4.839	ng/ul#	96
91) Benzo(k)fluoranthene	24.378	252	58556	4.830	ng/ul#	97
93) Benzo(a)pyrene	25.247	252	60008	4.836	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.430	276	61410m	4.323	ng/ul	
95) Dibenzo(a,h)anthracene	29.489	278	49799m	4.145	ng/ul	
96) Benzo(g,h,i)perylene	30.675	276	55597m	4.655	ng/ul	

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

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