Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052124\
Data File : BG061249.D
Acq On : 21 May 2024 10:31
Operator : MA/JU
Sample : SSTD00585
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005413

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 21 12:39:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 12:33:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.890	152	18445	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	80186	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.524	164	72791	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.273	188	194414	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	210116	20.000	ng/ul	0.00
88) Perylene-d12	24.606	264	230054	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	648	2.069	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	7.426	132	5259	4.895	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.042	128	2958	4.853	ng/ul	0.00
24) 2-Nitrophenol-d4	9.770	143	3490	4.744	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.311	165	6313	4.298	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.924	166	29329	5.455	ng/ul	0.00
49) Acenaphthylene-d8	14.212	160	29260	4.981	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.517	176	24518	5.115	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.367	188	43276m	4.998	ng/ul	0.00
81) Pyrene-d10	19.659	212	52078	4.710	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.394	264	53577	4.875	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.372	88	945	2.664	ng/uL#	75
12) 2-Chlorophenol	7.455	128	5539	4.791	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.689	70	5668	5.028	ng/ul	96
19) Hexachloroethane	8.971	117	2366	4.613	ng/ul#	70
22) Nitrobenzene	9.083	77	8581	5.224	ng/ul	96
23) Isophorone	9.606	82	17232	5.227	ng/ul	95
25) 2-Nitrophenol	9.800	139	3827	5.020	ng/ul#	84
26) 2,4-Dimethylphenol	9.864	107	7367	4.702	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.088	93	8245	4.821	ng/ul#	96
29) 2,4-Dichlorophenol	10.340	162	6064	4.524	ng/ul	91
30) Naphthalene	10.734	128	20993	4.940	ng/ul#	92
33) Hexachlorobutadiene	11.016	225	6476	4.812	ng/ul	90
35) 4-Chloro-3-methylphenol	11.985	107	8246	5.148	ng/ul	97
36) 2-Methylnaphthalene	12.344	142	15240	5.004	ng/ul	97
37) 1-Methylnaphthalene	12.561	142	15743	5.129	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.714	216	11646	4.570	ng/ul	96
41) 2,4,6-Trichlorophenol	12.961	196	5957	4.290	ng/ul#	87
42) 2,4,5-Trichlorophenol	13.043	196	6148	4.182	ng/ul#	95
43) 1,1'-Biphenyl	13.354	154	23536	4.909	ng/ul	99
44) 2-Chloronaphthalene	13.395	162	17909	4.690	ng/ul	93
45) 2-Nitroaniline	13.601	65	7409	4.918	ng/ul	95
47) Dimethylphthalate	13.971	163	31360	5.623	ng/ul	97
48) 2,6-Dinitrotoluene	14.095	165	5612	5.049	ng/ul#	85
50) Acenaphthylene	14.242	152	32836	5.090	ng/ul	96

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52) Acenaphthene	14.588	153	21412	4.943	ng/ul	97
56) Dibenzofuran	14.923	168	31221	5.193	ng/ul	98
57) 2,4-Dinitrotoluene	14.894	165	8815	5.326	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.158	232	5225	4.192	ng/ul#	95
59) Diethylphthalate	15.340	149	30707	5.633	ng/ul	96
61) Fluorene	15.575	166	26644	5.200	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.564	204	15824	5.165	ng/ul	98
67) N-Nitrosodiphenylamine	15.781	169	23112	4.652	ng/ul	97
68) 4-Bromophenyl-phenylether	16.457	248	10335	4.361	ng/ul	87
69) Hexachlorobenzene	16.580	284	12174	4.594	ng/ul	94
72) Phenanthrene	17.314	178	46927	5.003	ng/ul	98
74) Anthracene	17.403	178	48836	5.029	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.325	216	11750	4.144	ng/uL	88
76) Pentachlorobenzene	14.847	250	13487	4.469	ng/uL	93
78) Di-n-butylphthalate	18.237	149	49189	5.088	ng/ul#	95
80) Fluoranthene	19.324	202	62954	4.722	ng/ul	99
82) Pyrene	19.688	202	66171	4.860	ng/ul	99
83) Butylbenzylphthalate	20.575	149	21742	4.660	ng/ul	97
85) Benzo(a)anthracene	21.504	228	70077	4.840	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	33317	4.981	ng/ul	98
87) Chrysene	21.568	228	64549	4.836	ng/ul	99
90) Benzo(b)fluoranthene	23.631	252	65988	4.796	ng/ul	99
91) Benzo(k)fluoranthene	23.689	252	67284m	4.892	ng/ul	
93) Benzo(a)pyrene	24.453	252	61461	4.707	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	28.102	276	76019	4.888	ng/ul	100
95) Dibenzo(a,h)anthracene	28.161	278	60528	4.666	ng/ul	98
96) Benzo(g,h,i)perylene	29.195	276	60636m	4.864	ng/ul	

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

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