Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
Data File : BG062232.D
Acq On : 5 Aug 2024 10:38
Operator : MA/JU
Sample : SSTD00540
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 05 13:24:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 13:18:00 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005425

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	43492	20.000	ng/ul	0.00
20) Naphthalene-d8	10.762	136	186934	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	144968	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.324	188	331475	20.000	ng/ul	0.00
79) Chrysene-d12	21.571	240	325247	20.000	ng/ul	0.00
88) Perylene-d12	24.667	264	370471	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	1766	1.702	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	7.496	132	13095	4.846	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.117	128	4289	5.069	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	3661	4.675	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.374	165	14004	5.020	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.993	166	53161	4.897	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	59472	4.641	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.579	176	47635	4.590	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.424	188	75457	4.681	ng/ul	0.00
81) Pyrene-d10	19.703	212	91552	4.667	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.455	264	91918	4.669	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	2187	1.742	ng/uL	88
12) 2-Chlorophenol	7.525	128	13582	4.706	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.765	70	12603	4.207	ng/ul	92
19) Hexachloroethane	9.053	117	5542	5.075	ng/ul	83
22) Nitrobenzene	9.158	77	12723	4.928	ng/ul	98
23) Isophorone	9.681	82	36479	4.475	ng/ul	97
25) 2-Nitrophenol	9.869	139	4178	4.348	ng/ul#	87
26) 2,4-Dimethylphenol	9.928	107	17241	4.728	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.169	93	20872	4.616	ng/ul	96
29) 2,4-Dichlorophenol	10.398	162	13918	4.888	ng/ul	95
30) Naphthalene	10.809	128	49345	4.610	ng/ul	98
33) Hexachlorobutadiene	11.109	225	11745	5.044	ng/ul	93
35) 4-Chloro-3-methylphenol	12.025	107	15238	4.439	ng/ul#	80
36) 2-Methylnaphthalene	12.419	142	35040	4.718	ng/ul	99
37) 1-Methylnaphthalene	12.636	142	38431	5.070	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.783	216	22620	4.679	ng/ul	99
41) 2,4,6-Trichlorophenol	13.018	196	11418	4.646	ng/ul	97
42) 2,4,5-Trichlorophenol	13.083	196	11918	4.383	ng/ul	98
43) 1,1'-Biphenyl	13.423	154	53445	4.703	ng/ul	99
44) 2-Chloronaphthalene	13.464	162	41242	4.694	ng/ul	94
45) 2-Nitroaniline	13.652	65	7676	4.852	ng/ul#	80
47) Dimethylphthalate	14.040	163	53291	4.815	ng/ul#	99
48) 2,6-Dinitrotoluene	14.152	165	4587	4.051	ng/ul	98
50) Acenaphthylene	14.304	152	63443	4.629	ng/ul	98

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52) Acenaphthene	14.651	153	48245	4.756	ng/ul	98
56) Dibenzofuran	14.986	168	67743	4.769	ng/ul	98
57) 2,4-Dinitrotoluene	14.933	165	6815	4.239	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.203	232	10238	4.371	ng/ul#	97
59) Diethylphthalate	15.409	149	53585	4.850	ng/ul	99
61) Fluorene	15.632	166	53700	4.764	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.632	204	27951	4.807	ng/ul	96
67) N-Nitrosodiphenylamine	15.838	169	46895	4.693	ng/ul	98
68) 4-Bromophenyl-phenylether	16.525	248	17425	4.610	ng/ul	96
69) Hexachlorobenzene	16.631	284	20860	4.836	ng/ul	97
72) Phenanthrene	17.371	178	88856	4.734	ng/ul	98
74) Anthracene	17.459	178	91390	4.773	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.388	216	23576	4.830	ng/ul	99
76) Pentachlorobenzene	14.904	250	25330	5.008	ng/ul	91
78) Di-n-butylphthalate	18.305	149	81998	4.645	ng/ul	98
80) Fluoranthene	19.374	202	104198	4.703	ng/ul	98
82) Pyrene	19.732	202	110681	4.663	ng/ul	99
83) Butylbenzylphthalate	20.643	149	33860	4.763	ng/ul	97
85) Benzo(a)anthracene	21.553	228	113325	4.763	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.501	149	54577	4.953	ng/ul	96
87) Chrysene	21.612	228	108937	4.825	ng/ul	97
90) Benzo(b)fluoranthene	23.686	252	105893	4.702	ng/ul	100
91) Benzo(k)fluoranthene	23.756	252	107823	4.738	ng/ul	99
93) Benzo(a)pyrene	24.520	252	98713	4.668	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.174	276	127576m	4.653	ng/ul	
95) Dibenzo(a,h)anthracene	28.233	278	104707m	4.756	ng/ul	
96) Benzo(g,h,i)perylene	29.249	276	95766	4.560	ng/ul	97

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

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