Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063323.D
Acq On : 12 Nov 2024 13:22
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020529

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 12 13:02:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	106021	20.000	ng/ul	0.00
20) Naphthalene-d8	10.623	136	497797	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.472	164	441034	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	1043856	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.475	240	1065059	20.000	ng/ul	# 0.00
88) Perylene-d12	24.513	264	1126676	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	20532	8.757	ng/uL	0.00
4) Pyridine-d5	3.702	84	139085	17.947	ng/ul	0.00
7) Phenol-d5	7.010	99	194140	20.293	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.168	67	112087	19.975	ng/ul	0.00
11) 2-Chlorophenol-d4	7.368	132	135386	21.803	ng/ul	0.00
15) 4-Methylphenol-d8	8.543	113	171357	21.132	ng/ul	0.00
21) Nitrobenzene-d5	8.990	128	72815	20.806	ng/ul	0.00
24) 2-Nitrophenol-d4	9.707	143	93043	20.570	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.253	165	195390	22.012	ng/ul	0.00
31) 4-Chloroaniline-d4	10.758	131	227018	19.635	ng/ul	0.00
46) Dimethylphthalate-d6	13.878	166	591277	17.115	ng/ul	0.00
49) Acenaphthylene-d8	14.166	160	706031	20.880	ng/ul	0.00
54) 4-Nitrophenol-d4	14.683	143	82290	17.398	ng/ul	0.00
60) Fluorene-d10	15.464	176	556946	19.102	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.594	200	115294	17.574	ng/ul	0.00
73) Anthracene-d10	17.321	188	952558	21.232	ng/ul	0.00
81) Pyrene-d10	19.618	212	1148380	21.506	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.301	264	1138444	20.928	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.332	88	23807	8.248	ng/uL#	81
5) Pyridine	3.725	79	144881	18.323	ng/ul	99
6) Benzaldehyde	6.974	77	133282	25.207	ng/ul	95
8) Phenol	7.033	94	208978	20.045	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.256	93	138479	19.531	ng/ul	87
12) 2-Chlorophenol	7.397	128	144647	21.777	ng/ul	95
13) 2-Methylphenol	8.279	108	154958	20.348	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.349	45	194848	21.742	ng/ul#	94
16) Acetophenone	8.649	105	252334	19.327	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.637	70	144742	19.006	ng/ul	99
18) 4-Methylphenol	8.602	108	178802	20.648	ng/ul	98
19) Hexachloroethane	8.913	117	58762	21.831	ng/ul	90
22) Nitrobenzene	9.031	77	218867	20.283	ng/ul#	93
23) Isophorone	9.548	82	404575	17.764	ng/ul	96
25) 2-Nitrophenol	9.742	139	92698	20.732	ng/ul#	87
26) 2,4-Dimethylphenol	9.806	107	200304	20.538	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.036	93	225641	20.552	ng/ul#	97
29) 2,4-Dichlorophenol	10.276	162	184129	22.004	ng/ul	93
30) Naphthalene	10.676	128	537717	21.111	ng/ul	99
32) 4-Chloroaniline	10.782	127	218659	19.760	ng/ul	99
33) Hexachlorobutadiene	10.964	225	160744	20.070	ng/ul	99
34) Caprolactam	11.534	113	57831m	16.627	ng/ul	
35) 4-Chloro-3-methylphenol	11.916	107	202549	20.172	ng/ul	94
36) 2-Methylnaphthalene	12.286	142	406198	20.121	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.509	142	415183	19.777	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.662	216	321746	20.695	ng/ul	96
40) Hexachlorocyclopentadiene	12.638	237	149867	17.653	ng/ul	93
41) 2,4,6-Trichlorophenol	12.903	196	179058	21.336	ng/ul	99
42) 2,4,5-Trichlorophenol	12.979	196	197117	21.660	ng/ul	99
43) 1,1'-Biphenyl	13.302	154	589799	21.098	ng/ul	97
44) 2-Chloronaphthalene	13.343	162	455134	20.912	ng/ul	96
45) 2-Nitroaniline	13.549	65	146277	19.703	ng/ul	96
47) Dimethylphthalate	13.925	163	579153	17.484	ng/ul	99
48) 2,6-Dinitrotoluene	14.049	165	123913	19.549	ng/ul	89
50) Acenaphthylene	14.195	152	690507	20.500	ng/ul	98
51) 3-Nitroaniline	14.378	138	120137	21.714	ng/ul	90
52) Acenaphthene	14.536	153	512980	21.279	ng/ul	98
53) 2,4-Dinitrophenol	14.595	184	67908	16.250	ng/ul	91
55) 4-Nitrophenol	14.695	109	95026	15.458	ng/ul	100
56) Dibenzofuran	14.871	168	754878	20.455	ng/ul	99
57) 2,4-Dinitrotoluene	14.842	165	191750	19.127	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.106	232	179271	19.021	ng/ul#	97
59) Diethylphthalate	15.294	149	586971	17.284	ng/ul	98
61) Fluorene	15.523	166	621490	19.898	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.517	204	383800	19.120	ng/ul	100
63) 4-Nitroaniline	15.541	138	114433	20.435	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.611	198	121141	17.793	ng/ul#	99
67) N-Nitrosodiphenylamine	15.729	169	525925	22.585	ng/ul	98
68) 4-Bromophenyl-phenylether	16.410	248	256116	21.462	ng/ul	98
69) Hexachlorobenzene	16.534	284	271744	21.375	ng/ul	97
70) Atrazine	16.681	200	249767	19.606	ng/ul	98
71) Pentachlorophenol	16.880	266	106996	16.788	ng/ul	89
72) Phenanthrene	17.262	178	1019574	21.378	ng/ul	98
74) Anthracene	17.356	178	1045101	21.391	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.267	216	326974	24.223	ng/ul	97
76) Pentachlorobenzene	14.795	250	333741	23.185	ng/ul	97
77) Carbazole	17.627	167	861856	21.247	ng/ul	99
78) Di-n-butylphthalate	18.191	149	958063	20.764	ng/ul	99
80) Fluoranthene	19.284	202	1285112	22.265	ng/ul#	98
82) Pyrene	19.648	202	1336073	21.838	ng/ul#	96
83) Butylbenzylphthalate	20.547	149	416202	23.277	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.381	252	505898	22.090	ng/ul	99
85) Benzo(a)anthracene	21.457	228	1439776	21.371	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.375	149	617349	23.704	ng/ul	97
87) Chrysene	21.522	228	1339308	21.323	ng/ul	97
89) Di-n-octyl phthalate	22.521	149	1051145	23.675	ng/ul	100
90) Benzo(b)fluoranthene	23.549	252	1444875	21.314	ng/ul	98
91) Benzo(k)fluoranthene	23.614	252	1404153	20.796	ng/ul	99
93) Benzo(a)pyrene	24.372	252	1299639	20.727	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.938	276	1592749	20.708	ng/ul	97
95) Dibenzo(a,h)anthracene	27.979	278	1314603	20.964	ng/ul	98
96) Benzo(g,h,i)perylene	28.996	276	1209941	20.748	ng/ul#	97

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

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