Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063281.D
Acq On : 10 Nov 2024 2:52
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020525

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 10 02:44:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	107601	20.000	ng/ul	0.00
20) Naphthalene-d8	10.626	136	508911	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.475	164	451751	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	1112384	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	1123456	20.000	ng/ul	0.00
88) Perylene-d12	24.504	264	1197538	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	18782	7.893	ng/uL	0.00
4) Pyridine-d5	3.705	84	156921	19.951	ng/ul	0.00
7) Phenol-d5	7.007	99	194053	19.986	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	112283	19.716	ng/ul	0.00
11) 2-Chlorophenol-d4	7.365	132	135006	21.422	ng/ul	-0.01
15) 4-Methylphenol-d8	8.540	113	172122	20.915	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	77443	21.645	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	95575	20.669	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	200978	22.147	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	229250	19.396	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	617243	17.443	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	726989	20.990	ng/ul	0.00
54) 4-Nitrophenol-d4	14.680	143	88022	18.168	ng/ul	0.00
60) Fluorene-d10	15.468	176	599018	20.058	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.591	200	125218	17.911	ng/ul	0.00
73) Anthracene-d10	17.318	188	993686	20.785	ng/ul	0.00
81) Pyrene-d10	19.622	212	1211072	21.501	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.298	264	1194744	20.664	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	21971	7.500	ng/uL#	77
5) Pyridine	3.723	79	165216	20.588	ng/ul	98
6) Benzaldehyde	6.978	77	133153	24.813	ng/ul	93
8) Phenol	7.036	94	210575	19.901	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.254	93	143631	19.960	ng/ul	98
12) 2-Chlorophenol	7.401	128	142645	21.160	ng/ul	96
13) 2-Methylphenol	8.276	108	153046	19.802	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.352	45	190682	20.965	ng/ul	99
16) Acetophenone	8.652	105	262629	19.820	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.634	70	144358	18.677	ng/ul	97
18) 4-Methylphenol	8.605	108	179601	20.436	ng/ul	98
19) Hexachloroethane	8.911	117	57443	21.028	ng/ul	96
22) Nitrobenzene	9.028	77	225460	20.437	ng/ul	96
23) Isophorone	9.551	82	415345	17.839	ng/ul	99
25) 2-Nitrophenol	9.739	139	95478	20.888	ng/ul#	89
26) 2,4-Dimethylphenol	9.804	107	202336	20.293	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.033	93	218036	19.425	ng/ul	92
29) 2,4-Dichlorophenol	10.274	162	190700	22.291	ng/ul	97
30) Naphthalene	10.673	128	533251	20.478	ng/ul	98
32) 4-Chloroaniline	10.785	127	220419	19.484	ng/ul	100
33) Hexachlorobutadiene	10.961	225	162019	19.788	ng/ul	94
34) Caprolactam	11.531	113	58441m	16.436	ng/ul	
35) 4-Chloro-3-methylphenol	11.913	107	200698	19.551	ng/ul	91
36) 2-Methylnaphthalene	12.283	142	419292	20.316	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	426144	19.856	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.659	216	341144	21.422	ng/ul	99
40) Hexachlorocyclopentadiene	12.636	237	97436	11.205	ng/ul	99
41) 2,4,6-Trichlorophenol	12.900	196	189590	22.055	ng/ul	96
42) 2,4,5-Trichlorophenol	12.976	196	199886	21.444	ng/ul	91
43) 1,1'-Biphenyl	13.300	154	609008	21.268	ng/ul	97
44) 2-Chloronaphthalene	13.341	162	472863	21.211	ng/ul	98
45) 2-Nitroaniline	13.546	65	155826	20.491	ng/ul	94
47) Dimethylphthalate	13.922	163	586007	17.271	ng/ul	99
48) 2,6-Dinitrotoluene	14.046	165	126239	19.443	ng/ul	98
50) Acenaphthylene	14.193	152	727120	21.075	ng/ul	99
51) 3-Nitroaniline	14.375	138	119904	21.157	ng/ul#	89
52) Acenaphthene	14.533	153	530268	21.474	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	60993	14.249	ng/ul#	87
55) 4-Nitrophenol	14.698	109	107690	17.102	ng/ul	88
56) Dibenzofuran	14.868	168	781659	20.679	ng/ul	95
57) 2,4-Dinitrotoluene	14.839	165	197497	19.233	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.103	232	184844	19.147	ng/ul#	96
59) Diethylphthalate	15.291	149	622862	17.905	ng/ul	99
61) Fluorene	15.521	166	645269	20.169	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.515	204	399408	19.426	ng/ul	99
63) 4-Nitroaniline	15.544	138	124118	21.639	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.609	198	130229	17.950	ng/ul	96
67) N-Nitrosodiphenylamine	15.732	169	551161	22.210	ng/ul	98
68) 4-Bromophenyl-phenylether	16.408	248	267989	21.074	ng/ul	95
69) Hexachlorobenzene	16.531	284	280623	20.714	ng/ul	98
70) Atrazine	16.684	200	262139	19.310	ng/ul	96
71) Pentachlorophenol	16.878	266	120301	17.713	ng/ul	94
72) Phenanthrene	17.265	178	1071519	21.083	ng/ul	98
74) Anthracene	17.354	178	1106069	21.244	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.270	216	339480	23.600	ng/ul	94
76) Pentachlorobenzene	14.798	250	345537	22.526	ng/ul	97
77) Carbazole	17.624	167	901847	20.863	ng/ul	97
78) Di-n-butylphthalate	18.188	149	1005406	20.447	ng/ul	99
80) Fluoranthene	19.281	202	1352248	22.210	ng/ul#	98
82) Pyrene	19.651	202	1427844	22.125	ng/ul	97
83) Butylbenzylphthalate	20.544	149	435585	23.095	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.378	252	543993	22.519	ng/ul	99
85) Benzo(a)anthracene	21.455	228	1531576	21.552	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.372	149	637279	23.197	ng/ul	99
87) Chrysene	21.519	228	1411054	21.298	ng/ul	98
89) Di-n-octyl phthalate	22.518	149	1094193	23.186	ng/ul	100
90) Benzo(b)fluoranthene	23.552	252	1512500	20.992	ng/ul#	99
91) Benzo(k)fluoranthene	23.611	252	1501899	20.927	ng/ul#	99
93) Benzo(a)pyrene	24.363	252	1367631	20.520	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.929	276	1689820	20.670	ng/ul	96
95) Dibenzo(a,h)anthracene	27.976	278	1385215	20.783	ng/ul#	97
96) Benzo(g,h,i)perylene	28.993	276	1294676	20.888	ng/ul	97

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

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