Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063035.D
Acq On : 25 Sep 2024 16:05
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 25 16:59:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 13:16:45 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020507

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	104770	20.000	ng/ul		0.00
20) Naphthalene-d8	10.638	136	446617	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.486	164	382608	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.236	188	1048596	20.000	ng/ul		0.00
79) Chrysene-d12	21.490	240	1189583	20.000	ng/ul	#	0.00
88) Perylene-d12	24.527	264	1382649	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.317	96	13100	7.208	ng/uL		0.00
4) Pyridine-d5	3.722	84	100380	22.588	ng/ul		0.00
7) Phenol-d5	7.018	99	125943	19.462	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.177	67	53257	21.066	ng/ul		0.00
11) 2-Chlorophenol-d4	7.383	132	125288	19.705	ng/ul		0.00
15) 4-Methylphenol-d8	8.558	113	114709	19.636	ng/ul		0.00
21) Nitrobenzene-d5	8.998	128	63895	19.456	ng/ul		0.00
24) 2-Nitrophenol-d4	9.721	143	79461	18.945	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.262	165	160309	18.313	ng/ul		0.00
31) 4-Chloroaniline-d4	10.773	131	194265	18.912	ng/ul		0.00
46) Dimethylphthalate-d6	13.893	166	556801	18.303	ng/ul		0.00
49) Acenaphthylene-d8	14.175	160	602633	18.694	ng/ul		0.00
54) 4-Nitrophenol-d4	14.692	143	85648	18.668	ng/ul		0.00
60) Fluorene-d10	15.479	176	499935	17.936	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.602	200	131810	17.987	ng/ul		0.00
73) Anthracene-d10	17.336	188	956602	19.015	ng/ul		0.00
81) Pyrene-d10	19.627	212	1265374	18.891	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.316	264	1391284	18.788	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	15447	7.200	ng/uL	#	82
5) Pyridine	3.740	79	96666	22.098	ng/ul		97
6) Benzaldehyde	6.989	77	73291	24.386	ng/ul		87
8) Phenol	7.048	94	135241	20.769	ng/ul	#	96
10) Bis(2-Chloroethyl)ether	7.271	93	86499	21.349	ng/ul		97
12) 2-Chlorophenol	7.418	128	124316	20.139	ng/ul		94
13) 2-Methylphenol	8.293	108	113596	19.846	ng/ul		97
14) 2,2'-oxybis(1-Chloropr...	8.370	45	72277	23.416	ng/ul	#	93
16) Acetophenone	8.669	105	181579	19.987	ng/ul	#	94
17) N-Nitroso-di-n-propyla...	8.652	70	76612	20.623	ng/ul	#	89
18) 4-Methylphenol	8.616	108	126587	20.188	ng/ul		98
19) Hexachloroethane	8.922	117	47829	19.579	ng/ul		87
22) Nitrobenzene	9.045	77	112966	18.220	ng/ul	#	85
23) Isophorone	9.568	82	226492	18.918	ng/ul		96
25) 2-Nitrophenol	9.750	139	78415	18.273	ng/ul		97
26) 2,4-Dimethylphenol	9.821	107	144152	18.665	ng/ul		98
27) Bis(2-Chloroethoxy)met...	10.050	93	120119	19.195	ng/ul	#	96
29) 2,4-Dichlorophenol	10.291	162	159611	19.052	ng/ul		98
30) Naphthalene	10.690	128	428822	18.890	ng/ul		97
32) 4-Chloroaniline	10.796	127	174056	18.427	ng/ul		94
33) Hexachlorobutadiene	10.978	225	146695	18.007	ng/ul		98
34) Caprolactam	11.542	113	44643m	19.052	ng/ul		
35) 4-Chloro-3-methylphenol	11.930	107	138659	18.834	ng/ul		93
36) 2-Methylnaphthalene	12.300	142	336491	18.273	ng/ul		98

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37) 1-Methylnaphthalene	12.518	142	341208	18.331	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.670	216	281968	18.971	ng/ul	97
40) Hexachlorocyclopentadiene	12.653	237	147676	17.484	ng/ul	94
41) 2,4,6-Trichlorophenol	12.911	196	163940	19.174	ng/ul	94
42) 2,4,5-Trichlorophenol	12.988	196	174108	18.529	ng/ul	97
43) 1,1'-Biphenyl	13.311	154	477352	18.843	ng/ul#	97
44) 2-Chloronaphthalene	13.358	162	387788	19.011	ng/ul	97
45) 2-Nitroaniline	13.558	65	72555	19.763	ng/ul	99
47) Dimethylphthalate	13.940	163	539639	18.497	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	115234	19.182	ng/ul	98
50) Acenaphthylene	14.204	152	606647	18.778	ng/ul	98
51) 3-Nitroaniline	14.386	138	104318	20.575	ng/ul	96
52) Acenaphthene	14.551	153	434793	19.322	ng/ul	97
53) 2,4-Dinitrophenol	14.598	184	72443	17.058	ng/ul	97
55) 4-Nitrophenol	14.703	109	97989	17.643	ng/ul	89
56) Dibenzofuran	14.885	168	679368	18.869	ng/ul	100
57) 2,4-Dinitrotoluene	14.850	165	175278	18.314	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.115	232	179825	17.911	ng/ul#	98
59) Diethylphthalate	15.309	149	536705	18.595	ng/ul	99
61) Fluorene	15.538	166	552875	18.633	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.526	204	330966	17.751	ng/ul	96
63) 4-Nitroaniline	15.555	138	116462	21.182	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.614	198	141594	18.224	ng/ul#	91
67) N-Nitrosodiphenylamine	15.743	169	496011	18.975	ng/ul	99
68) 4-Bromophenyl-phenylether	16.425	248	245800	19.101	ng/ul	99
69) Hexachlorobenzene	16.542	284	265084	18.488	ng/ul#	93
70) Atrazine	16.695	200	247294	19.239	ng/ul	100
71) Pentachlorophenol	16.889	266	155824	17.465	ng/ul#	82
72) Phenanthrene	17.277	178	1018719	18.846	ng/ul	99
74) Anthracene	17.371	178	1057476	19.024	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.281	216	281398	18.806	ng/ul	98
76) Pentachlorobenzene	14.809	250	310143	19.024	ng/ul	92
77) Carbazole	17.635	167	885087	19.897	ng/ul	97
78) Di-n-butylphthalate	18.205	149	949099	19.646	ng/ul	100
80) Fluoranthene	19.298	202	1418561	18.894	ng/ul#	99
82) Pyrene	19.662	202	1507505	19.169	ng/ul#	99
83) Butylbenzylphthalate	20.555	149	424382	19.550	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.390	252	562052	19.990	ng/ul	96
85) Benzo(a)anthracene	21.472	228	1573186	19.041	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.390	149	619230	19.949	ng/ul	96
87) Chrysene	21.531	228	1444395	18.833	ng/ul	98
89) Di-n-octyl phthalate	22.535	149	1038001	19.799	ng/ul	100
90) Benzo(b)fluoranthene	23.564	252	1647170	19.157	ng/ul	99
91) Benzo(k)fluoranthene	23.628	252	1598967	18.720	ng/ul	99
93) Benzo(a)pyrene	24.386	252	1477265	18.771	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.947	276	1817171	18.755	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.000	278	1468142	18.594	ng/ul#	96
96) Benzo(g,h,i)perylene	29.010	276	1408650m	19.196	ng/ul	

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

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