Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122024\
Data File : BG063774.D
Acq On : 20 Dec 2024 16:36
Operator : RC/JU
Sample : P5305-10MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2AX4MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 23:52:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	120810	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.591	136	511714	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.440	164	399117	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.195	188	1018307	20.000	ng/ul	-0.01
79) Chrysene-d12	21.443	240	1037932	20.000	ng/ul	-0.02
88) Perylene-d12	24.457	264	1090162	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	15707	5.095	ng/uL	-0.02
4) Pyridine-d5	3.670	84	119923	12.331	ng/ul	-0.02
7) Phenol-d5	6.989	99	144650	13.001	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	227008	29.540	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.336	132	209534	29.088	ng/ul	-0.01
15) 4-Methylphenol-d8	8.523	113	205914	23.837	ng/ul	0.00
21) Nitrobenzene-d5	8.958	128	119147	32.610	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.680	143	138082	33.715	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.221	165	267927	33.789	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.726	131	320839	31.867	ng/ul	-0.02
46) Dimethylphthalate-d6	13.846	166	951088	35.020	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	1051620	33.969	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.675	143	63104	16.399	ng/ul	0.00
60) Fluorene-d10	15.438	176	900441	37.500	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.574	200	193734	36.643	ng/ul	0.00
73) Anthracene-d10	17.295	188	1615657	36.903	ng/ul	-0.01
81) Pyrene-d10	19.592	212	1895892	35.102	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.252	264	1789756	34.960	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.294	88	25612	7.020	ng/uL	95
5) Pyridine	3.687	79	133350	12.802	ng/ul#	88
6) Benzaldehyde	6.942	77	162949	23.875	ng/ul	90
8) Phenol	7.013	94	169636	14.306	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.224	93	281267	31.001	ng/ul	97
12) 2-Chlorophenol	7.371	128	220494	30.240	ng/ul	93
13) 2-Methylphenol	8.253	108	233222	27.212	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.317	45	393738	29.233	ng/ul	99
16) Acetophenone	8.617	105	465190	31.749	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.605	70	276319	31.606	ng/ul	92
18) 4-Methylphenol	8.582	108	246672	26.297	ng/ul	95
19) Hexachloroethane	8.876	117	71005	19.819	ng/ul	89
22) Nitrobenzene	8.999	77	379973	31.143	ng/ul	98
23) Isophorone	9.516	82	756884	32.833	ng/ul	99
25) 2-Nitrophenol	9.710	139	145938	34.672	ng/ul	87
26) 2,4-Dimethylphenol	9.774	107	276844	28.986	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.004	93	409381	32.833	ng/ul#	97
29) 2,4-Dichlorophenol	10.250	162	276959	35.152	ng/ul	97
30) Naphthalene	10.638	128	765136	29.907	ng/ul	98
32) 4-Chloroaniline	10.750	127	215570	22.504	ng/ul	96
33) Hexachlorobutadiene	10.926	225	160538	25.080	ng/ul	98
34) Caprolactam	11.508	113	35707m	13.110	ng/ul	
35) 4-Chloro-3-methylphenol	11.890	107	325228	35.160	ng/ul	99
36) 2-Methylnaphthalene	12.254	142	615436	33.470	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.471	142	619079	33.053	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.630	216	388718	30.424	ng/ul	99
40) Hexachlorocyclopentadiene	12.606	237	81027	16.042	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.871	196	252670	34.989	ng/ul	97
42) 2,4,5-Trichlorophenol	12.953	196	289730	38.444	ng/ul	97
43) 1,1'-Biphenyl	13.270	154	883946	33.583	ng/ul	94
44) 2-Chloronaphthalene	13.311	162	720634	34.095	ng/ul	98
45) 2-Nitroaniline	13.523	65	280488	39.618	ng/ul	95
47) Dimethylphthalate	13.899	163	1002271	36.823	ng/ul	97
48) 2,6-Dinitrotoluene	14.022	165	205127	40.579	ng/ul#	92
50) Acenaphthylene	14.163	152	1178107	35.490	ng/ul	98
51) 3-Nitroaniline	14.351	138	201880	43.196	ng/ul	95
52) Acenaphthene	14.504	153	840389	35.718	ng/ul	95
53) 2,4-Dinitrophenol	14.575	184	104720	40.537	ng/ul	93
55) 4-Nitrophenol	14.686	109	56754	14.204	ng/ul	89
56) Dibenzofuran	14.839	168	1267432	38.209	ng/ul	94
57) 2,4-Dinitrotoluene	14.816	165	319599	42.550	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.080	232	264372	40.695	ng/ul	94
59) Diethylphthalate	15.262	149	1030301	39.156	ng/ul	97
61) Fluorene	15.497	166	1022769	38.614	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.485	204	546696	37.048	ng/ul	96
63) 4-Nitroaniline	15.521	138	240435	51.387	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.591	198	213790	39.250	ng/ul	91
67) N-Nitrosodiphenylamine	15.703	169	880176	35.694	ng/ul	98
68) 4-Bromophenyl-phenylether	16.378	248	381949	36.804	ng/ul	95
69) Hexachlorobenzene	16.508	284	431630	37.122	ng/ul	96
70) Atrazine	16.655	200	377427	36.209	ng/ul	96
71) Pentachlorophenol	16.854	266	172009	35.087	ng/ul	96
72) Phenanthrene	17.236	178	1901133	38.742	ng/ul	100
74) Anthracene	17.330	178	1919316	38.643	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.241	216	396619	29.192	ng/ul	98
76) Pentachlorobenzene	14.769	250	449619	33.405	ng/ul	97
77) Carbazole	17.601	167	1693572	42.124	ng/ul	97
78) Di-n-butylphthalate	18.159	149	1986515	40.913	ng/ul	98
80) Fluoranthene	19.257	202	2281606	37.166	ng/ul	97
82) Pyrene	19.622	202	2396374	36.690	ng/ul#	94
83) Butylbenzylphthalate	20.515	149	836593	41.727	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.343	252	604812	32.279	ng/ul	95
85) Benzo(a)anthracene	21.426	228	2331353	35.841	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.337	149	1217642	41.750	ng/ul	97
87) Chrysene	21.484	228	2210416	35.654	ng/ul	96
89) Di-n-octyl phthalate	22.465	149	2099232	44.614	ng/ul	100
90) Benzo(b)fluoranthene	23.505	252	2315949	37.378	ng/ul	99
91) Benzo(k)fluoranthene	23.564	252	2365139	38.268	ng/ul	100
93) Benzo(a)pyrene	24.316	252	2167522	37.270	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.865	276	2744224	38.638	ng/ul	99
95) Dibenzo(a,h)anthracene	27.906	278	2213619	38.951	ng/ul	96
96) Benzo(g,h,i)perylene	28.923	276	2141439m	37.996	ng/ul	

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

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