Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063262.D
Acq On : 9 Nov 2024 12:58
Operator : RC/JU
Sample : PB164571BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Nov 10 00:19:37 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

Instrument :
BNA_G
ClientSampleId :
SLCS571

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	124154	20.000	ng/ul	0.00
20) Naphthalene-d8	10.628	136	556775	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.476	164	483412	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.226	188	1112634	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1141474	20.000	ng/ul	# 0.00
88) Perylene-d12	24.511	264	1192195	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	13798m	5.025	ng/uL	0.00
4) Pyridine-d5	3.706	84	202164	22.277	ng/ul	0.00
7) Phenol-d5	7.008	99	319807	28.547	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.167	67	184602	28.092	ng/ul	0.00
11) 2-Chlorophenol-d4	7.367	132	228801	31.465	ng/ul	-0.01
15) 4-Methylphenol-d8	8.548	113	269837	28.417	ng/ul	0.00
21) Nitrobenzene-d5	8.988	128	126338	32.276	ng/ul	0.00
24) 2-Nitrophenol-d4	9.711	143	154225	30.485	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	320110	32.243	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	342738	26.504	ng/ul	0.00
46) Dimethylphthalate-d6	13.877	166	1008626	26.637	ng/ul	0.00
49) Acenaphthylene-d8	14.165	160	1141372	30.796	ng/ul	0.00
54) 4-Nitrophenol-d4	14.688	143	146854	28.326	ng/ul	0.00
60) Fluorene-d10	15.469	176	944134	29.543	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	197720	28.275	ng/ul	0.00
73) Anthracene-d10	17.326	188	1495855	31.281	ng/ul	0.00
81) Pyrene-d10	19.623	212	1867768	32.636	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.306	264	1862550	32.358	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.336	88	29344	8.681	ng/uL#	84
5) Pyridine	3.724	79	202123	21.829	ng/ul	97
6) Benzaldehyde	6.973	77	165419	26.716	ng/ul	94
8) Phenol	7.038	94	343767	28.158	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.255	93	227756	27.430	ng/ul	93
12) 2-Chlorophenol	7.402	128	233334	29.998	ng/ul	98
13) 2-Methylphenol	8.283	108	243407	27.295	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.354	45	300271	28.612	ng/ul	96
16) Acetophenone	8.653	105	414851	27.134	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.642	70	236422	26.510	ng/ul	98
18) 4-Methylphenol	8.612	108	285244	28.129	ng/ul	99
19) Hexachloroethane	8.912	117	98620	31.288	ng/ul	92
22) Nitrobenzene	9.030	77	365888	30.315	ng/ul	95
23) Isophorone	9.552	82	666513	26.165	ng/ul	98
25) 2-Nitrophenol	9.740	139	155414	31.077	ng/ul	99
26) 2,4-Dimethylphenol	9.805	107	215916	19.794	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.034	93	357462	29.109	ng/ul	92
29) 2,4-Dichlorophenol	10.275	162	304676	32.552	ng/ul	93
30) Naphthalene	10.675	128	867624	30.455	ng/ul	98
32) 4-Chloroaniline	10.780	127	265243	21.431	ng/ul	99
33) Hexachlorobutadiene	10.963	225	267261	29.835	ng/ul	93
34) Caprolactam	11.538	113	93976m	24.158	ng/ul	
35) 4-Chloro-3-methylphenol	11.920	107	323971	28.847	ng/ul	97
36) 2-Methylnaphthalene	12.285	142	658472	29.162	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.508	142	651444	27.744	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.661	216	533611	31.313	ng/ul	99
40) Hexachlorocyclopentadiene	12.637	237	145266	15.611	ng/ul	95
41) 2,4,6-Trichlorophenol	12.901	196	283447	30.814	ng/ul	98
42) 2,4,5-Trichlorophenol	12.978	196	316160	31.696	ng/ul	92
43) 1,1'-Biphenyl	13.301	154	951271	31.045	ng/ul	100
44) 2-Chloronaphthalene	13.342	162	734251	30.779	ng/ul	97
45) 2-Nitroaniline	13.548	65	239258	29.402	ng/ul	95
47) Dimethylphthalate	13.930	163	942169	25.950	ng/ul	99
48) 2,6-Dinitrotoluene	14.053	165	204467	29.429	ng/ul	95
50) Acenaphthylene	14.194	152	1143783	30.981	ng/ul	98
51) 3-Nitroaniline	14.382	138	187887	30.982	ng/ul	87
52) Acenaphthene	14.535	153	798865	30.232	ng/ul	98
53) 2,4-Dinitrophenol	14.594	184	102362	22.347	ng/ul	92
55) 4-Nitrophenol	14.699	109	171761	25.491	ng/ul	91
56) Dibenzofuran	14.876	168	1194857	29.539	ng/ul	99
57) 2,4-Dinitrotoluene	14.846	165	305997	27.847	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.105	232	271638	26.295	ng/ul#	96
59) Diethylphthalate	15.299	149	963071	25.872	ng/ul	98
61) Fluorene	15.528	166	999979	29.209	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.516	204	625204	28.416	ng/ul	96
63) 4-Nitroaniline	15.545	138	198826	32.393	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.610	198	204748	28.214	ng/ul	95
67) N-Nitrosodiphenylamine	15.733	169	849671	34.232	ng/ul	98
68) 4-Bromophenyl-phenylether	16.415	248	423713	33.312	ng/ul	95
69) Hexachlorobenzene	16.532	284	444033	32.769	ng/ul	98
70) Atrazine	16.685	200	173803	12.800	ng/ul	92
71) Pentachlorophenol	16.879	266	184513	27.161	ng/ul	93
72) Phenanthrene	17.267	178	1637866	32.219	ng/ul	99
74) Anthracene	17.361	178	1609530	30.907	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.272	216	534122	37.123	ng/ul	98
76) Pentachlorobenzene	14.799	250	532184	34.686	ng/ul	95
77) Carbazole	17.631	167	1389752	32.143	ng/ul	99
78) Di-n-butylphthalate	18.189	149	1559795	31.715	ng/ul	99
80) Fluoranthene	19.288	202	2049247	33.127	ng/ul#	98
82) Pyrene	19.652	202	2121943	32.362	ng/ul#	96
83) Butylbenzylphthalate	20.545	149	682369	35.609	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.380	252	760959	31.003	ng/ul	98
85) Benzo(a)anthracene	21.462	228	2288781	31.699	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.374	149	974609	34.916	ng/ul	99
87) Chrysene	21.521	228	2151293	31.958	ng/ul	98
89) Di-n-octyl phthalate	22.520	149	1701843	36.224	ng/ul	100
90) Benzo(b)fluoranthene	23.560	252	2326579	32.435	ng/ul	97
91) Benzo(k)fluoranthene	23.618	252	2220495	31.079	ng/ul	100
93) Benzo(a)pyrene	24.376	252	2029340	30.585	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.937	276	2584301	31.753	ng/ul	97
95) Dibenzo(a,h)anthracene	27.990	278	2128439	32.078	ng/ul	98
96) Benzo(g,h,i)perylene	29.012	276	1986136	32.187	ng/ul	98

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

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