Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063416.D
Acq On : 15 Nov 2024 7:19
Operator : RC/JU
Sample : PB164840BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 15 07:13:24 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 :
SLCS840

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.835	152	111978	20.000	ng/ul	0.00
20) Naphthalene-d8	10.619	136	480332	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.474	164	399516	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	994636	20.000	ng/ul	0.00
79) Chrysene-d12	21.483	240	1035703	20.000	ng/ul	# 0.00
88) Perylene-d12	24.515	264	1092668	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	18112m	7.314	ng/uL	0.00
4) Pyridine-d5	3.710	84	248992	30.420	ng/ul	0.00
7) Phenol-d5	7.012	99	338802	33.531	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	200783	33.877	ng/ul	0.00
11) 2-Chlorophenol-d4	7.370	132	234823	35.805	ng/ul	0.00
15) 4-Methylphenol-d8	8.551	113	271449	31.695	ng/ul	0.00
21) Nitrobenzene-d5	8.986	128	121053	35.848	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	147680	33.837	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.249	165	292418	34.141	ng/ul	0.00
31) 4-Chloroaniline-d4	10.760	131	323347	28.984	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	954080	30.487	ng/ul	0.00
49) Acenaphthylene-d8	14.162	160	1052484	34.361	ng/ul	0.00
54) 4-Nitrophenol-d4	14.691	143	152176	35.516	ng/ul	0.01
60) Fluorene-d10	15.467	176	872550	33.037	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	203687	32.584	ng/ul	0.00
73) Anthracene-d10	17.323	188	1449696	33.912	ng/ul	0.00
81) Pyrene-d10	19.621	212	1898155	36.554	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.315	264	1844279	34.959	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	31055	10.186	ng/uL#	72
5) Pyridine	3.728	79	253776	30.387	ng/ul	97
6) Benzaldehyde	6.977	77	131604	23.566	ng/ul	95
8) Phenol	7.041	94	345457	31.373	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.259	93	230182	30.737	ng/ul	91
12) 2-Chlorophenol	7.400	128	237718	33.885	ng/ul	97
13) 2-Methylphenol	8.281	108	251995	31.330	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.352	45	323318	34.158	ng/ul	95
16) Acetophenone	8.651	105	402042	29.156	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.639	70	231474	28.778	ng/ul	98
18) 4-Methylphenol	8.610	108	281042	30.728	ng/ul	96
19) Hexachloroethane	8.910	117	96456	33.929	ng/ul	90
22) Nitrobenzene	9.033	77	347603	33.384	ng/ul	95
23) Isophorone	9.550	82	644702	29.337	ng/ul	100
25) 2-Nitrophenol	9.738	139	144679	33.534	ng/ul	94
26) 2,4-Dimethylphenol	9.809	107	232816	24.739	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.032	93	349748	33.014	ng/ul	98
29) 2,4-Dichlorophenol	10.279	162	276920	34.295	ng/ul	97
30) Naphthalene	10.672	128	798040	32.470	ng/ul	99
32) 4-Chloroaniline	10.784	127	239293	22.411	ng/ul	98
33) Hexachlorobutadiene	10.960	225	231199	29.917	ng/ul	95
34) Caprolactam	11.548	113	90870m	27.077	ng/ul	
35) 4-Chloro-3-methylphenol	11.924	107	297476	30.703	ng/ul	95
36) 2-Methylnaphthalene	12.282	142	597106	30.653	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	611905	30.208	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.658	216	454326	32.259	ng/ul	98
40) Hexachlorocyclopentadiene	12.635	237	154380	20.075	ng/ul	98
41) 2,4,6-Trichlorophenol	12.899	196	251481	33.080	ng/ul	97
42) 2,4,5-Trichlorophenol	12.981	196	285650	34.651	ng/ul	92
43) 1,1'-Biphenyl	13.299	154	856723	33.831	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	664261	33.693	ng/ul	98
45) 2-Nitroaniline	13.551	65	230840	34.325	ng/ul	97
47) Dimethylphthalate	13.927	163	880984	29.360	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	191016	33.267	ng/ul	96
50) Acenaphthylene	14.192	152	1037272	33.995	ng/ul#	97
51) 3-Nitroaniline	14.380	138	176882	35.292	ng/ul#	98
52) Acenaphthene	14.538	153	725934	33.241	ng/ul	98
53) 2,4-Dinitrophenol	14.591	184	109411	28.901	ng/ul	97
55) 4-Nitrophenol	14.709	109	163297	29.324	ng/ul	96
56) Dibenzofuran	14.873	168	1072774	32.090	ng/ul	99
57) 2,4-Dinitrotoluene	14.844	165	279097	30.733	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.108	232	243792	28.555	ng/ul#	96
59) Diethylphthalate	15.296	149	892681	29.017	ng/ul	97
61) Fluorene	15.525	166	911939	32.232	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.514	204	558845	30.734	ng/ul	96
63) 4-Nitroaniline	15.549	138	195671	38.573	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.614	198	212519	32.759	ng/ul	99
67) N-Nitrosodiphenylamine	15.731	169	772457	34.813	ng/ul	98
68) 4-Bromophenyl-phenylether	16.413	248	386801	34.017	ng/ul	96
69) Hexachlorobenzene	16.536	284	397849	32.844	ng/ul	97
70) Atrazine	16.683	200	160027	13.184	ng/ul	99
71) Pentachlorophenol	16.883	266	160415	26.415	ng/ul	93
72) Phenanthrene	17.265	178	1568228	34.509	ng/ul	99
74) Anthracene	17.359	178	1571354	33.753	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.269	216	461480	35.879	ng/ul	95
76) Pentachlorobenzene	14.797	250	461677	33.660	ng/ul	94
77) Carbazole	17.629	167	1383263	35.788	ng/ul	97
78) Di-n-butylphthalate	18.193	149	1577354	35.877	ng/ul	99
80) Fluoranthene	19.286	202	2054150	36.597	ng/ul#	97
82) Pyrene	19.650	202	2147796	36.101	ng/ul#	95
83) Butylbenzylphthalate	20.549	149	692854	39.848	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.383	252	772873	34.704	ng/ul#	98
85) Benzo(a)anthracene	21.460	228	2275478	34.734	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.377	149	991035	39.131	ng/ul	96
87) Chrysene	21.524	228	2101415	34.405	ng/ul	98
89) Di-n-octyl phthalate	22.523	149	1720264	39.951	ng/ul	100
90) Benzo(b)fluoranthene	23.563	252	2328835	35.424	ng/ul	98
91) Benzo(k)fluoranthene	23.622	252	2243517	34.261	ng/ul#	99
93) Benzo(a)pyrene	24.380	252	2024500	33.292	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.946	276	2540568	34.059	ng/ul	95
95) Dibenzo(a,h)anthracene	27.999	278	2101440	34.556	ng/ul#	98
96) Benzo(g,h,i)perylene	29.010	276	1967299m	34.786	ng/ul	

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

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