Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080524\
Data File : BG062240.D
Acq On : 5 Aug 2024 16:33
Operator : MA/JU
Sample : PB162313BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 06 02:53:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 06 02:21:27 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS313

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	51230	20.000	ng/ul	0.00
20) Naphthalene-d8	10.762	136	232144	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	179051	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.324	188	405705	20.000	ng/ul	0.00
79) Chrysene-d12	21.571	240	396288	20.000	ng/ul	0.00
88) Perylene-d12	24.667	264	453703	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	7678	6.462	ng/uL	0.00
4) Pyridine-d5	3.830	84	100733	26.950	ng/ul	0.00
7) Phenol-d5	7.120	99	156094	31.922	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.296	67	89926	29.876	ng/ul	0.00
11) 2-Chlorophenol-d4	7.496	132	107416	30.661	ng/ul	0.00
15) 4-Methylphenol-d8	8.659	113	126182	30.981	ng/ul	0.00
21) Nitrobenzene-d5	9.117	128	51828	36.207	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	52298	38.838	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.374	165	129503	33.112	ng/ul	0.00
31) 4-Chloroaniline-d4	10.886	131	166845	29.413	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	421362	30.502	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	477504	30.486	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	70404	36.403	ng/ul	0.00
60) Fluorene-d10	15.579	176	404631	32.632	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.685	200	44976	37.433	ng/ul	0.00
73) Anthracene-d10	17.424	188	624475	31.913	ng/ul	0.00
81) Pyrene-d10	19.709	212	777901	33.026	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.461	264	781678	32.229	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	14556	10.852	ng/uL#	87
5) Pyridine	3.848	79	107631	27.703	ng/ul	99
6) Benzaldehyde	7.102	77	80573m	31.179	ng/ul	
8) Phenol	7.144	94	164085	31.802	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.390	93	116684	30.516	ng/ul	96
12) 2-Chlorophenol	7.531	128	119907	32.215	ng/ul	97
13) 2-Methylphenol	8.395	108	121334	31.188	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.495	45	238932	30.584	ng/ul	98
16) Acetophenone	8.783	105	202209	31.176	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.777	70	111247	32.273	ng/ul	96
18) 4-Methylphenol	8.724	108	137664	31.599	ng/ul	97
19) Hexachloroethane	9.053	117	43023	31.103	ng/ul	98
22) Nitrobenzene	9.158	77	146163	35.906	ng/ul	99
23) Isophorone	9.687	82	319149	32.590	ng/ul	99
25) 2-Nitrophenol	9.869	139	62673	38.371	ng/ul	93
26) 2,4-Dimethylphenol	9.928	107	123293	26.372	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.169	93	178702	32.359	ng/ul	100
29) 2,4-Dichlorophenol	10.404	162	131158	33.088	ng/ul	99
30) Naphthalene	10.809	128	420227	31.847	ng/ul	98
32) 4-Chloroaniline	10.909	127	156264	28.184	ng/ul	99
33) Hexachlorobutadiene	11.103	225	91577	30.525	ng/ul	97
34) Caprolactam	11.667	113	49225m	35.503	ng/ul	
35) 4-Chloro-3-methylphenol	12.025	107	152491	34.283	ng/ul	98
36) 2-Methylnaphthalene	12.419	142	293163	32.248	ng/ul	100

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37) 1-Methylnaphthalene	12.636	142	298270	31.668	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.783	216	180915	30.948	ng/ul	99
40) Hexachlorocyclopentadiene	12.771	237	61193	26.936	ng/ul	99
41) 2,4,6-Trichlorophenol	13.018	196	98900	29.170	ng/ul	98
42) 2,4,5-Trichlorophenol	13.083	196	113610	31.101	ng/ul	97
43) 1,1'-Biphenyl	13.423	154	420589	31.004	ng/ul	99
44) 2-Chloronaphthalene	13.464	162	326938	31.016	ng/ul	99
45) 2-Nitroaniline	13.658	65	99640	37.114	ng/ul	91
47) Dimethylphthalate	14.046	163	435576	31.430	ng/ul	100
48) 2,6-Dinitrotoluene	14.158	165	73074	38.619	ng/ul	93
50) Acenaphthylene	14.310	152	564006	33.795	ng/ul	98
51) 3-Nitroaniline	14.481	138	84542	39.247	ng/ul#	93
52) Acenaphthene	14.651	153	393715	31.686	ng/ul	98
53) 2,4-Dinitrophenol	14.680	184	26787	35.603	ng/ul#	84
55) 4-Nitrophenol	14.780	109	63248	36.560	ng/ul	96
56) Dibenzofuran	14.986	168	559703	32.607	ng/ul	98
57) 2,4-Dinitrotoluene	14.939	165	114880	44.259	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.203	232	95224	28.948	ng/ul	96
59) Diethylphthalate	15.415	149	469364	33.541	ng/ul	99
61) Fluorene	15.632	166	434687	32.386	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.632	204	225928	32.649	ng/ul	97
63) 4-Nitroaniline	15.644	138	88934	42.840	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.703	198	51053	36.877	ng/ul	100
67) N-Nitrosodiphenylamine	15.838	169	394990	32.490	ng/ul	96
68) 4-Bromophenyl-phenylether	16.525	248	154481	33.420	ng/ul	97
69) Hexachlorobenzene	16.637	284	176318	32.789	ng/ul	97
70) Atrazine	16.783	200	15262	3.277	ng/ul	99
71) Pentachlorophenol	16.971	266	75322	26.602	ng/ul	97
72) Phenanthrene	17.371	178	741257	32.462	ng/ul	98
74) Anthracene	17.459	178	750748	32.034	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.388	216	182769	30.079	ng/ul	98
76) Pentachlorobenzene	14.904	250	195277	30.720	ng/ul	97
77) Carbazole	17.723	167	642682	33.438	ng/ul	99
78) Di-n-butylphthalate	18.305	149	770480	33.689	ng/ul	100
80) Fluoranthene	19.374	202	892325	33.504	ng/ul	99
82) Pyrene	19.738	202	938175	33.078	ng/ul	99
83) Butylbenzylphthalate	20.643	149	347899	35.541	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.471	252	312470	35.029	ng/ul	100
85) Benzo(a)anthracene	21.553	228	963402	33.195	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.501	149	531227	35.163	ng/ul	99
87) Chrysene	21.618	228	923132	33.694	ng/ul	99
89) Di-n-octyl phthalate	22.681	149	927829	35.900	ng/ul	100
90) Benzo(b)fluoranthene	23.692	252	942946	34.166	ng/ul	99
91) Benzo(k)fluoranthene	23.762	252	940897	33.511	ng/ul	100
93) Benzo(a)pyrene	24.532	252	844448	32.337	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.180	276	1126876	33.299	ng/ul	99
95) Dibenzo(a,h)anthracene	28.244	278	937747	33.927	ng/ul	99
96) Benzo(g,h,i)perylene	29.272	276	866256	33.709	ng/ul	99

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

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