Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121324\
Data File : BG063671.D
Acq On : 13 Dec 2024 10:20
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 13 22:41:38 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

Instrument :
BNA_G
ClientSampleId :
SSTD020564

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	188690	20.000	ng/ul	0.00
20) Naphthalene-d8	10.597	136	837635	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	602573	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.201	188	1447392	20.000	ng/ul	0.00
79) Chrysene-d12	21.455	240	1349528	20.000	ng/ul	0.00
88) Perylene-d12	24.469	264	1486053	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	32681m	6.787	ng/uL	0.00
4) Pyridine-d5	3.681	84	257884	16.978	ng/ul	0.00
7) Phenol-d5	6.995	99	348230	20.038	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	237296	19.770	ng/ul	0.00
11) 2-Chlorophenol-d4	7.348	132	235360	20.920	ng/ul	0.00
15) 4-Methylphenol-d8	8.529	113	280845	20.815	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	124138	20.756	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	141406	21.092	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	273592	21.078	ng/ul	0.00
31) 4-Chloroaniline-d4	10.738	131	347469	21.083	ng/ul	0.00
46) Dimethylphthalate-d6	13.858	166	866540	21.134	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	993462	21.255	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	124557	21.440	ng/ul	0.00
60) Fluorene-d10	15.444	176	772778	21.317	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	141400	18.816	ng/ul	0.00
73) Anthracene-d10	17.301	188	1315916	21.146	ng/ul	0.00
81) Pyrene-d10	19.598	212	1517529	21.609	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.263	264	1461041	20.936	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	36583m	6.420	ng/uL	
5) Pyridine	3.699	79	274717	16.885	ng/ul	97
6) Benzaldehyde	6.948	77	251183	23.564	ng/ul	91
8) Phenol	7.019	94	368425	19.892	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.230	93	271108	19.132	ng/ul	98
12) 2-Chlorophenol	7.383	128	246519	21.647	ng/ul	97
13) 2-Methylphenol	8.264	108	279376	20.871	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.323	45	438236	20.832	ng/ul	99
16) Acetophenone	8.629	105	479199	20.940	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.611	70	271311	19.869	ng/ul	98
18) 4-Methylphenol	8.593	108	309103	21.098	ng/ul	95
19) Hexachloroethane	8.881	117	103409	18.480	ng/ul	89
22) Nitrobenzene	9.005	77	377980	18.926	ng/ul	95
23) Isophorone	9.528	82	704572	18.671	ng/ul	96
25) 2-Nitrophenol	9.716	139	145459	21.112	ng/ul	93
26) 2,4-Dimethylphenol	9.786	107	317301	20.295	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.009	93	417541	20.457	ng/ul	96
29) 2,4-Dichlorophenol	10.256	162	268161	20.792	ng/ul	97
30) Naphthalene	10.650	128	859443	20.522	ng/ul	97
32) 4-Chloroaniline	10.761	127	326600	20.828	ng/ul	96
33) Hexachlorobutadiene	10.932	225	196894	18.791	ng/ul	97
34) Caprolactam	11.513	113	97713m	21.917	ng/ul	
35) 4-Chloro-3-methylphenol	11.901	107	315335	20.826	ng/ul	95
36) 2-Methylnaphthalene	12.260	142	618352	20.544	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.483	142	626252	20.426	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.636	216	393992	20.425	ng/ul	96
40) Hexachlorocyclopentadiene	12.612	237	121283	15.905	ng/ul	97
41) 2,4,6-Trichlorophenol	12.882	196	239896	22.004	ng/ul	97
42) 2,4,5-Trichlorophenol	12.959	196	258752	22.741	ng/ul	98
43) 1,1'-Biphenyl	13.276	154	858241	21.597	ng/ul	97
44) 2-Chloronaphthalene	13.317	162	681900	21.369	ng/ul	99
45) 2-Nitroaniline	13.529	65	236138	22.092	ng/ul	94
47) Dimethylphthalate	13.905	163	874144	21.272	ng/ul	97
48) 2,6-Dinitrotoluene	14.028	165	167732	21.978	ng/ul	95
50) Acenaphthylene	14.169	152	1075873	21.467	ng/ul	98
51) 3-Nitroaniline	14.357	138	170728	24.196	ng/ul	88
52) Acenaphthene	14.510	153	749748	21.106	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	72613	18.618	ng/ul#	84
55) 4-Nitrophenol	14.692	109	118423	19.631	ng/ul	92
56) Dibenzofuran	14.851	168	1099680	21.958	ng/ul	95
57) 2,4-Dinitrotoluene	14.821	165	255109	22.496	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.086	232	201438	20.538	ng/ul	99
59) Diethylphthalate	15.274	149	855915	21.546	ng/ul	97
61) Fluorene	15.497	166	861448	21.542	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.491	204	466240	20.928	ng/ul	99
63) 4-Nitroaniline	15.526	138	175704m	24.873	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.591	198	143220	18.499	ng/ul#	95
67) N-Nitrosodiphenylamine	15.709	169	750124	21.402	ng/ul	99
68) 4-Bromophenyl-phenylether	16.390	248	295080	20.004	ng/ul	94
69) Hexachlorobenzene	16.513	284	328342	19.867	ng/ul	96
70) Atrazine	16.660	200	319305	21.552	ng/ul	99
71) Pentachlorophenol	16.860	266	119727	17.182	ng/ul	97
72) Phenanthrene	17.242	178	1494088	21.421	ng/ul	98
74) Anthracene	17.336	178	1507852	21.359	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.247	216	392754	20.338	ng/ul	97
76) Pentachlorobenzene	14.774	250	384110	20.078	ng/ul	94
77) Carbazole	17.606	167	1312142	22.961	ng/ul	99
78) Di-n-butylphthalate	18.164	149	1531481	22.191	ng/ul	99
80) Fluoranthene	19.263	202	1773265	22.216	ng/ul	98
82) Pyrene	19.627	202	1892177	22.282	ng/ul	96
83) Butylbenzylphthalate	20.521	149	615257	23.602	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.355	252	570881	23.433	ng/ul	91
85) Benzo(a)anthracene	21.431	228	1801215	21.297	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.349	149	908856	23.967	ng/ul	97
87) Chrysene	21.496	228	1703842	21.137	ng/ul	98
89) Di-n-octyl phthalate	22.483	149	1633209	25.463	ng/ul	100
90) Benzo(b)fluoranthene	23.517	252	1765270	20.901	ng/ul	98
91) Benzo(k)fluoranthene	23.576	252	1787596	21.218	ng/ul	98
93) Benzo(a)pyrene	24.328	252	1640524	20.694	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.877	276	2028842	20.956	ng/ul	98
95) Dibenzo(a,h)anthracene	27.918	278	1638146	21.146	ng/ul	98
96) Benzo(g,h,i)perylene	28.934	276	1554869	20.239	ng/ul	97

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

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