Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020124\
Data File : BG060511.D
Acq On : 31 Jan 2024 16:33
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 22:20:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 22:04:13 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020483

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/01/2024
Supervised By :Sohil Jodhani 02/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	110699	20.000	ng/ul	0.00
20) Naphthalene-d8	10.738	136	520833	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	429636	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.319	188	1177361	20.000	ng/ul	0.00
79) Chrysene-d12	21.584	240	1134368	20.000	ng/ul	0.00
88) Perylene-d12	24.757	264	1244256	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.371	96	21570	9.764	ng/uL	0.00
4) Pyridine-d5	3.782	84	171306	24.514	ng/ul	0.00
7) Phenol-d5	7.101	99	192380	18.298	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.260	67	107439	16.262	ng/ul	0.00
11) 2-Chlorophenol-d4	7.466	132	126618	18.035	ng/ul	0.00
15) 4-Methylphenol-d8	8.641	113	162760	18.794	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	72679	18.916	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	86498	19.270	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.356	165	183099	19.614	ng/ul	0.00
31) 4-Chloroaniline-d4	10.874	131	225814	18.439	ng/ul	0.00
46) Dimethylphthalate-d6	13.976	166	671953	19.113	ng/ul	0.00
49) Acenaphthylene-d8	14.264	160	728347	18.469	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	97288	19.321	ng/ul	0.00
60) Fluorene-d10	15.562	176	597202	19.387	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	124457	17.071	ng/ul	0.00
73) Anthracene-d10	17.419	188	1071505	19.199	ng/ul	0.00
81) Pyrene-d10	19.710	212	1305389	19.200	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.534	264	1184797	18.152	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.412	88	25022	10.237	ng/uL	92
5) Pyridine	3.805	79	172713	24.310	ng/ul	96
6) Benzaldehyde	7.078	77	91629	22.928	ng/ul	96
8) Phenol	7.125	94	190767	17.359	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.354	93	149585	17.089	ng/ul	100
12) 2-Chlorophenol	7.501	128	128534	17.748	ng/ul	89
13) 2-Methylphenol	8.376	108	149346	17.585	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.453	45	218703	18.932	ng/ul	96
16) Acetophenone	8.752	105	264677	19.178	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.735	70	148184	19.912	ng/ul	92
18) 4-Methylphenol	8.705	108	172682	18.911	ng/ul	100
19) Hexachloroethane	9.017	117	58806	18.366	ng/ul	95
22) Nitrobenzene	9.140	77	190821	18.156	ng/ul	97
23) Isophorone	9.657	82	436406	19.153	ng/ul	99
25) 2-Nitrophenol	9.851	139	89000	19.504	ng/ul	97
26) 2,4-Dimethylphenol	9.910	107	178665	18.974	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.139	93	245745	18.946	ng/ul	99
29) 2,4-Dichlorophenol	10.386	162	176237	19.640	ng/ul	93
30) Naphthalene	10.785	128	518000	18.432	ng/ul	97
32) 4-Chloroaniline	10.897	127	222402	18.510	ng/ul	99
33) Hexachlorobutadiene	11.067	225	133704	17.944	ng/ul	98
34) Caprolactam	11.649	113	65628m	21.969	ng/ul	
35) 4-Chloro-3-methylphenol	12.019	107	190538	21.179	ng/ul	96
36) 2-Methylnaphthalene	12.395	142	386871	19.582	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.613	142	397013	19.883	ng/ul#	98
39)	1,2,4,5-Tetrachloroben...	12.765	216	287938	18.414	ng/ul	97
40)	Hexachlorocyclopentadiene	12.742	237	123009	13.009	ng/ul	96
41)	2,4,6-Trichlorophenol	13.006	196	178837	18.762	ng/ul	98
42)	2,4,5-Trichlorophenol	13.077	196	193177	19.179	ng/ul	98
43)	1,1'-Biphenyl	13.406	154	590502	18.554	ng/ul	99
44)	2-Chloronaphthalene	13.447	162	485665	18.074	ng/ul	97
45)	2-Nitroaniline	13.653	65	135749	20.071	ng/ul	94
47)	Dimethylphthalate	14.023	163	665247	18.957	ng/ul	98
48)	2,6-Dinitrotoluene	14.146	165	134522	20.326	ng/ul	96
50)	Acenaphthylene	14.293	152	823905	18.937	ng/ul	98
51)	3-Nitroaniline	14.475	138	117659	21.149	ng/ul	98
52)	Acenaphthene	14.634	153	541662	18.665	ng/ul	99
53)	2,4-Dinitrophenol	14.687	184	44335	12.274	ng/ul	96
55)	4-Nitrophenol	14.792	109	66239	19.321	ng/ul	99
56)	Dibenzofuran	14.969	168	770816	18.814	ng/ul	99
57)	2,4-Dinitrotoluene	14.933	165	197432	20.358	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.198	232	182887	19.538	ng/ul#	97
59)	Diethylphthalate	15.386	149	647792	19.199	ng/ul	99
61)	Fluorene	15.621	166	645407	19.201	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.609	204	363676	19.602	ng/ul	96
63)	4-Nitroaniline	15.644	138	117446m	21.549	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.697	198	131175	17.202	ng/ul	94
67)	N-Nitrosodiphenylamine	15.827	169	569833	17.844	ng/ul	98
68)	4-Bromophenyl-phenylether	16.508	248	246437	18.017	ng/ul	98
69)	Hexachlorobenzene	16.626	284	288595	18.189	ng/ul	98
70)	Atrazine	16.773	200	246803	18.800	ng/ul	95
71)	Pentachlorophenol	16.972	266	133462	15.273	ng/ul	94
72)	Phenanthrene	17.360	178	1178037	19.031	ng/ul	98
74)	Anthracene	17.454	178	1211043	19.199	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.371	216	291287	17.059	ng/uL	95
76)	Pentachlorobenzene	14.892	250	308286	17.187	ng/uL	99
77)	Carbazole	17.724	167	1035395	19.874	ng/ul	100
78)	Di-n-butylphthalate	18.277	149	1204783	19.616	ng/ul	99
80)	Fluoranthene	19.375	202	1457633	19.212	ng/ul	99
82)	Pyrene	19.740	202	1531016	19.390	ng/ul	97
83)	Butylbenzylphthalate	20.621	149	499713	17.755	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.479	252	504753	19.286	ng/ul	97
85)	Benzo(a)anthracene	21.561	228	1504839	19.238	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.461	149	738807	17.587	ng/ul	99
87)	Chrysene	21.632	228	1392344	18.949	ng/ul	99
89)	Di-n-octyl phthalate	22.654	149	1276559	19.225	ng/ul	100
90)	Benzo(b)fluoranthene	23.741	252	1438428	18.630	ng/ul	98
91)	Benzo(k)fluoranthene	23.811	252	1409970	17.882	ng/ul	99
93)	Benzo(a)pyrene	24.605	252	1348413	18.154	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	28.359	276	1623415	17.830	ng/ul	99
95)	Dibenzo(a,h)anthracene	28.424	278	1331771	17.927	ng/ul	100
96)	Benzo(g,h,i)perylene	29.493	276	1312053	17.797	ng/ul	100

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

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