Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063597.D
Acq On : 9 Dec 2024 11:34
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 01:04:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 15:14:46 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020556

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	61115	20.000	ng/ul	0.00
20) Naphthalene-d8	10.609	136	265251	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	226557	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.219	188	645328	20.000	ng/ul	0.00
79) Chrysene-d12	21.473	240	682573	20.000	ng/ul	0.00
88) Perylene-d12	24.510	264	752323	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.282	96	12314	8.895	ng/uL	0.00
4) Pyridine-d5	3.688	84	107055	20.905	ng/ul	0.00
7) Phenol-d5	6.996	99	126079	20.953	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	88731	21.809	ng/ul	0.00
11) 2-Chlorophenol-d4	7.354	132	72024	20.319	ng/ul	0.00
15) 4-Methylphenol-d8	8.529	113	91414	20.490	ng/ul	0.00
21) Nitrobenzene-d5	8.976	128	38936	20.912	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	41713	19.578	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	90137	19.649	ng/ul	0.00
31) 4-Chloroaniline-d4	10.750	131	108330	19.540	ng/ul	0.00
46) Dimethylphthalate-d6	13.870	166	324277	19.694	ng/ul	0.00
49) Acenaphthylene-d8	14.158	160	354826	19.715	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	40063	19.002	ng/ul	0.00
60) Fluorene-d10	15.462	176	306882	18.908	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.591	200	64820	17.780	ng/ul	0.00
73) Anthracene-d10	17.313	188	605419	20.546	ng/ul	0.00
81) Pyrene-d10	19.616	212	790316	20.889	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.299	264	752941	19.927	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	16638	9.026	ng/uL#	81
5) Pyridine	3.705	79	111519	20.969	ng/ul#	84
6) Benzaldehyde	6.960	77	94672	24.586	ng/ul	97
8) Phenol	7.019	94	132831	20.535	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.242	93	97022	21.710	ng/ul	90
12) 2-Chlorophenol	7.383	128	73442	20.474	ng/ul#	83
13) 2-Methylphenol	8.265	108	91235	20.213	ng/ul	85
14) 2,2'-oxybis(1-Chloropr...	8.335	45	132903	22.115	ng/ul	97
16) Acetophenone	8.635	105	166010	20.213	ng/ul	88
17) N-Nitroso-di-n-propyla...	8.623	70	96872	20.702	ng/ul#	95
18) 4-Methylphenol	8.594	108	100054	20.187	ng/ul	100
19) Hexachloroethane	8.893	117	41401	21.599	ng/ul	97
22) Nitrobenzene	9.017	77	163968	21.771	ng/ul#	92
23) Isophorone	9.534	82	283643	20.888	ng/ul	98
25) 2-Nitrophenol	9.728	139	46112	21.721	ng/ul	96
26) 2,4-Dimethylphenol	9.792	107	117915	20.383	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.022	93	133537	21.047	ng/ul	96
29) 2,4-Dichlorophenol	10.262	162	91235	19.840	ng/ul	89
30) Naphthalene	10.656	128	273618	20.039	ng/ul	96
32) 4-Chloroaniline	10.768	127	109976	20.941	ng/ul	98
33) Hexachlorobutadiene	10.950	225	93373	19.679	ng/ul	91
34) Caprolactam	11.520	113	29869m	19.842	ng/ul	
35) 4-Chloro-3-methylphenol	11.908	107	112391	19.593	ng/ul	91
36) 2-Methylnaphthalene	12.278	142	210461	19.993	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.495	142	209940	19.670	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.648	216	168982	19.185	ng/ul	97
40) Hexachlorocyclopentadiene	12.624	237	66594	18.111	ng/ul	93
41) 2,4,6-Trichlorophenol	12.895	196	84376	19.424	ng/ul	96
42) 2,4,5-Trichlorophenol	12.971	196	91440	19.512	ng/ul#	95
43) 1,1'-Biphenyl	13.288	154	292811	19.470	ng/ul#	96
44) 2-Chloronaphthalene	13.335	162	239033	19.285	ng/ul	97
45) 2-Nitroaniline	13.541	65	82277	20.320	ng/ul	96
47) Dimethylphthalate	13.917	163	327306	19.648	ng/ul	98
48) 2,6-Dinitrotoluene	14.040	165	60530	19.694	ng/ul	95
50) Acenaphthylene	14.181	152	377737	19.958	ng/ul	99
51) 3-Nitroaniline	14.369	138	54543	21.056	ng/ul#	91
52) Acenaphthene	14.528	153	271488	19.755	ng/ul	95
53) 2,4-Dinitrophenol	14.593	184	28364	18.695	ng/ul#	82
55) 4-Nitrophenol	14.692	109	61489	18.982	ng/ul	94
56) Dibenzofuran	14.863	168	407717	19.196	ng/ul	95
57) 2,4-Dinitrotoluene	14.834	165	100149	20.661	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.098	232	88582	20.210	ng/ul#	91
59) Diethylphthalate	15.286	149	320971	19.773	ng/ul	96
61) Fluorene	15.515	166	328157	18.969	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.509	204	206222	18.510	ng/ul	94
63) 4-Nitroaniline	15.539	138	57309	20.573	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.609	198	68158	18.725	ng/ul	95
67) N-Nitrosodiphenylamine	15.727	169	280178	18.539	ng/ul	92
68) 4-Bromophenyl-phenylether	16.408	248	142447	18.681	ng/ul	96
69) Hexachlorobenzene	16.526	284	155337	18.925	ng/ul	98
70) Atrazine	16.678	200	136765	19.360	ng/ul#	92
71) Pentachlorophenol	16.878	266	59017m	20.449	ng/ul	
72) Phenanthrene	17.260	178	654210	20.581	ng/ul	98
74) Anthracene	17.348	178	662289	20.176	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.259	216	169354	18.595	ng/ul	96
76) Pentachlorobenzene	14.787	250	179257	18.839	ng/ul	93
77) Carbazole	17.624	167	545188	20.730	ng/ul	99
78) Di-n-butylphthalate	18.188	149	547491	19.501	ng/ul	98
80) Fluoranthene	19.281	202	871684	20.500	ng/ul	99
82) Pyrene	19.646	202	938451	20.761	ng/ul	99
83) Butylbenzylphthalate	20.544	149	198095	20.811	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.379	252	258659	22.137	ng/ul	99
85) Benzo(a)anthracene	21.455	228	924951	20.093	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.373	149	281843	19.694	ng/ul	94
87) Chrysene	21.520	228	908580	21.010	ng/ul	97
89) Di-n-octyl phthalate	22.513	149	533007	20.273	ng/ul	100
90) Benzo(b)fluoranthene	23.547	252	934657	19.999	ng/ul	97
91) Benzo(k)fluoranthene	23.611	252	995860	21.437	ng/ul	99
93) Benzo(a)pyrene	24.363	252	883623	20.159	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.924	276	1016442	19.224	ng/ul#	98
95) Dibenzo(a,h)anthracene	27.983	278	831992	19.619	ng/ul#	97
96) Benzo(g,h,i)perylene	28.993	276	781686	19.451	ng/ul#	94

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

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