Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120924\
Data File : BG063631.D
Acq On : 10 Dec 2024 12:15
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020559

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

Quant Time: Dec 11 00:30:01 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.821	152	165183	20.000	ng/ul		0.00
20) Naphthalene-d8	10.612	136	766591	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.466	164	609288	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.221	188	1314718	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.475	240	1065501	20.000	ng/ul	#	0.00
88) Perylene-d12	24.519	264	1227928	20.000	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.279	96	27810m	7.433	ng/uL		0.00
4) Pyridine-d5	3.690	84	210217	15.187	ng/ul		0.00
7) Phenol-d5	6.998	99	312957	19.243	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	201759	18.348	ng/ul		0.00
11) 2-Chlorophenol-d4	7.357	132	204043	21.298	ng/ul		0.00
15) 4-Methylphenol-d8	8.532	113	250554	20.779	ng/ul		0.00
21) Nitrobenzene-d5	8.972	128	109876	20.420	ng/ul		0.00
24) 2-Nitrophenol-d4	9.701	143	128606	20.886	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.241	165	256415	19.340	ng/ul		0.00
31) 4-Chloroaniline-d4	10.747	131	331170	20.669	ng/ul		0.00
46) Dimethylphthalate-d6	13.872	166	853909	19.284	ng/ul		0.00
49) Acenaphthylene-d8	14.154	160	1004818	20.760	ng/ul		0.00
54) 4-Nitrophenol-d4	14.683	143	111186	19.609	ng/ul		0.00
60) Fluorene-d10	15.465	176	759377	17.397	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.594	200	118400	15.942	ng/ul		0.00
73) Anthracene-d10	17.321	188	1214262	20.227	ng/ul		0.00
81) Pyrene-d10	19.619	212	1235234	20.915	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.301	264	1243371	20.161	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	28791	5.779	ng/uL	#	82
5) Pyridine	3.708	79	222267	15.463	ng/ul		91
6) Benzaldehyde	6.963	77	218272	20.973	ng/ul		94
8) Phenol	7.022	94	340483	19.475	ng/ul	#	86
10) Bis(2-Chloroethyl)ether	7.245	93	235329	19.483	ng/ul		90
12) 2-Chlorophenol	7.386	128	209836	21.644	ng/ul		96
13) 2-Methylphenol	8.267	108	255892	20.975	ng/ul		87
14) 2,2'-oxybis(1-Chloropr...	8.338	45	372740	22.948	ng/ul	#	94
16) Acetophenone	8.637	105	433522	19.530	ng/ul		94
17) N-Nitroso-di-n-propyla...	8.620	70	241495	19.095	ng/ul	#	91
18) 4-Methylphenol	8.596	108	274575	20.496	ng/ul		97
19) Hexachloroethane	8.896	117	98858	19.082	ng/ul		96
22) Nitrobenzene	9.013	77	377859	17.360	ng/ul	#	90
23) Isophorone	9.536	82	702755	17.907	ng/ul		97
25) 2-Nitrophenol	9.730	139	129106	21.043	ng/ul	#	84
26) 2,4-Dimethylphenol	9.795	107	303450	18.150	ng/ul	#	84
27) Bis(2-Chloroethoxy)met...	10.024	93	367592	20.047	ng/ul		96
29) 2,4-Dichlorophenol	10.265	162	255616	19.234	ng/ul	#	92
30) Naphthalene	10.664	128	808216	20.481	ng/ul		97
32) 4-Chloroaniline	10.770	127	317597	20.925	ng/ul		97
33) Hexachlorobutadiene	10.946	225	203248	14.822	ng/ul		95
34) Caprolactam	11.522	113	84702m	19.469	ng/ul		
35) 4-Chloro-3-methylphenol	11.910	107	323361	19.505	ng/ul	#	85
36) 2-Methylnaphthalene	12.274	142	606936	19.950	ng/ul		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	635919	20.616	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.650	216	395225	16.685	ng/ul	98
40) Hexachlorocyclopentadiene	12.633	237	133577	13.508	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.897	196	229317	19.630	ng/ul	94
42) 2,4,5-Trichlorophenol	12.973	196	243008	19.281	ng/ul	97
43) 1,1'-Biphenyl	13.291	154	843594	20.858	ng/ul#	95
44) 2-Chloronaphthalene	13.338	162	689773	20.693	ng/ul	96
45) 2-Nitroaniline	13.543	65	233922	21.481	ng/ul#	85
47) Dimethylphthalate	13.919	163	841050	18.774	ng/ul	99
48) 2,6-Dinitrotoluene	14.043	165	158826	19.215	ng/ul	90
50) Acenaphthylene	14.184	152	1079368	21.205	ng/ul	96
51) 3-Nitroaniline	14.372	138	158039	22.686	ng/ul	98
52) Acenaphthene	14.530	153	761635	20.608	ng/ul	92
53) 2,4-Dinitrophenol	14.601	184	57127	14.001	ng/ul#	77
55) 4-Nitrophenol	14.701	109	119013m	13.661	ng/ul	
56) Dibenzofuran	14.865	168	1091042	19.101	ng/ul	93
57) 2,4-Dinitrotoluene	14.836	165	244280	18.739	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.100	232	203533	17.266	ng/ul#	96
59) Diethylphthalate	15.288	149	837955	19.195	ng/ul	98
61) Fluorene	15.518	166	847699	18.220	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.512	204	466732	15.577	ng/ul	95
63) 4-Nitroaniline	15.541	138	160379	21.408	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.612	198	118168	15.935	ng/ul#	93
67) N-Nitrosodiphenylamine	15.729	169	719918	23.382	ng/ul	98
68) 4-Bromophenyl-phenylether	16.405	248	301062	19.380	ng/ul	91
69) Hexachlorobenzene	16.534	284	320620	19.173	ng/ul	96
70) Atrazine	16.681	200	303558	21.092	ng/ul#	93
71) Pentachlorophenol	16.881	266	158619	26.978	ng/ul#	86
72) Phenanthrene	17.263	178	1376869	21.261	ng/ul	99
74) Anthracene	17.357	178	1390764	20.797	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.261	216	403477	21.745	ng/ul	94
76) Pentachlorobenzene	14.789	250	394847	20.369	ng/ul	96
77) Carbazole	17.627	167	1199051	22.379	ng/ul	99
78) Di-n-butylphthalate	18.185	149	1291309	22.576	ng/ul	97
80) Fluoranthene	19.284	202	1471843	22.174	ng/ul#	93
82) Pyrene	19.648	202	1560407	22.115	ng/ul#	92
83) Butylbenzylphthalate	20.541	149	470368m	31.656	ng/ul	
84) 3,3'-Dichlorobenzidine	21.375	252	455866	24.993	ng/ul#	97
85) Benzo(a)anthracene	21.458	228	1480647	20.605	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.369	149	686341	30.724	ng/ul	98
87) Chrysene	21.522	228	1438719	21.313	ng/ul	98
89) Di-n-octyl phthalate	22.515	149	1213491	28.278	ng/ul	100
90) Benzo(b)fluoranthene	23.555	252	1483941	19.454	ng/ul#	98
91) Benzo(k)fluoranthene	23.614	252	1456863	19.214	ng/ul#	96
93) Benzo(a)pyrene	24.372	252	1392544	19.464	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.938	276	1798114	20.835	ng/ul#	90
95) Dibenzo(a,h)anthracene	27.985	278	1413758	20.425	ng/ul#	90
96) Benzo(g,h,i)perylene	29.008	276	1344685	20.501	ng/ul#	91

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

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