Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
Data File : BP015352.D
Acq On : 31 May 2023 10:54
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 31 14:09:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 30 15:23:22 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020733

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	193155	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.934	136	858787	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.751	164	611873	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	1463277m	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1528461	20.000	ng/ul	#-0.01
88) Perylene-d12	24.145	264	1801055	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	35992	7.240	ng/uL	0.00
4) Pyridine-d5	3.852	84	252705	17.933	ng/ul	-0.01
7) Phenol-d5	7.257	99	318208	17.743	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.428	67	184758	17.838	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	247734	18.788	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	267276	18.703	ng/ul	-0.01
21) Nitrobenzene-d5	9.281	128	132722	19.667	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.010	143	155138	20.661	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.551	165	280785	20.723	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.075	131	403784	20.142	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	940629	20.344	ng/ul	-0.01
49) Acenaphthylene-d8	14.445	160	1032943	19.533	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.951	143	168556	18.774	ng/ul	-0.01
60) Fluorene-d10	15.745	176	800338	20.514	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	191729	20.791	ng/ul	-0.01
73) Anthracene-d10	17.604	188	1311028	19.566	ng/ul	-0.01
81) Pyrene-d10	19.827	212	1598940	18.037	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1725791	19.303	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	38491	7.206	ng/uL#	97
5) Pyridine	3.875	79	261130	17.818	ng/ul	93
6) Benzaldehyde	7.240	77	114735	23.276	ng/ul	98
8) Phenol	7.287	94	329746	17.931	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.522	93	258634	17.578	ng/ul	99
12) 2-Chlorophenol	7.663	128	261417	18.743	ng/ul	97
13) 2-Methylphenol	8.551	108	260837	18.352	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.640	45	330135m	17.909	ng/ul	
16) Acetophenone	8.940	105	435129	19.509	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.922	70	226009	19.321	ng/ul	95
18) 4-Methylphenol	8.887	108	289855	18.528	ng/ul	99
19) Hexachloroethane	9.199	117	109920	19.301	ng/ul#	78
22) Nitrobenzene	9.328	77	333950	20.037	ng/ul	99
23) Isophorone	9.857	82	668552	19.515	ng/ul	97
25) 2-Nitrophenol	10.046	139	167484	20.341	ng/ul#	92
26) 2,4-Dimethylphenol	10.098	107	336680	20.490	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.334	93	376241	18.050	ng/ul	99
29) 2,4-Dichlorophenol	10.581	162	284631	20.797	ng/ul	98
30) Naphthalene	10.987	128	895033	19.170	ng/ul	99
32) 4-Chloroaniline	11.098	127	416556	20.217	ng/ul	99
33) Hexachlorobutadiene	11.263	225	200747	24.337	ng/ul	97
34) Caprolactam	11.875	113	101724m	19.714	ng/ul	
35) 4-Chloro-3-methylphenol	12.216	107	325288	21.049	ng/ul	99
36) 2-Methylnaphthalene	12.587	142	629677	20.016	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.804	142	638262	20.204	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.951	216	388393	21.224	ng/ul	98
40) Hexachlorocyclopentadiene	12.922	237	250508	21.128	ng/ul	96
41) 2,4,6-Trichlorophenol	13.192	196	262430	20.309	ng/ul	97
42) 2,4,5-Trichlorophenol	13.263	196	289454	20.659	ng/ul	97
43) 1,1'-Biphenyl	13.587	154	903510	19.032	ng/ul	99
44) 2-Chloronaphthalene	13.634	162	716766	19.333	ng/ul	99
45) 2-Nitroaniline	13.839	65	220612	20.797	ng/ul	94
47) Dimethylphthalate	14.198	163	972169	20.189	ng/ul	99
48) 2,6-Dinitrotoluene	14.328	165	208447	21.850	ng/ul	97
50) Acenaphthylene	14.475	152	1129971	19.151	ng/ul	100
51) 3-Nitroaniline	14.657	138	165725	19.292	ng/ul	98
52) Acenaphthene	14.816	153	769747	19.101	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	161020	25.421	ng/ul	93
55) 4-Nitrophenol	14.963	109	161874	24.513	ng/ul	81
56) Dibenzofuran	15.151	168	1114448	19.882	ng/ul	100
57) 2,4-Dinitrotoluene	15.116	165	302636	21.923	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.375	232	274593	23.222	ng/ul	93
59) Diethylphthalate	15.557	149	976302	20.328	ng/ul	99
61) Fluorene	15.798	166	916043	20.336	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.786	204	481437	21.874	ng/ul	98
63) 4-Nitroaniline	15.822	138	150989m	20.354	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.881	198	195050	20.494	ng/ul	98
67) N-Nitrosodiphenylamine	16.004	169	805478	18.721	ng/ul	100
68) 4-Bromophenyl-phenylether	16.686	248	336341	22.316	ng/ul	94
69) Hexachlorobenzene	16.810	284	421056	23.640	ng/ul#	89
70) Atrazine	16.957	200	335819	21.116	ng/ul	98
71) Pentachlorophenol	17.157	266	248714m	22.324	ng/ul	
72) Phenanthrene	17.551	178	1527635m	19.172	ng/ul	
74) Anthracene	17.639	178	1555768	19.308	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.557	216	406820	19.609	ng/uL	98
76) Pentachlorobenzene	15.069	250	444485	21.337	ng/uL	98
77) Carbazole	17.910	167	1395954	19.758	ng/ul	100
78) Di-n-butylphthalate	18.439	149	1733443	19.051	ng/ul	99
80) Fluoranthene	19.504	202	1934154	17.901	ng/ul#	94
82) Pyrene	19.857	202	1988260	17.820	ng/ul#	93
83) Butylbenzylphthalate	20.710	149	839680	16.975	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.498	252	728656	21.706	ng/ul#	97
85) Benzo(a)anthracene	21.574	228	2066408	19.553	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1244584	17.477	ng/ul#	99
87) Chrysene	21.627	228	1946409	19.266	ng/ul	99
89) Di-n-octyl phthalate	22.439	149	2163438	17.539	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	2186005	19.146	ng/ul#	97
91) Benzo(k)fluoranthene	23.410	252	2165831	19.755	ng/ul#	97
93) Benzo(a)pyrene	24.033	252	1900121	18.828	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.856	276	2336493	17.880	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.874	278	1958041	18.254	ng/ul#	94
96) Benzo(g,h,i)perylene	27.692	276	1855856	17.416	ng/ul#	95

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

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