Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052522\
Data File : BP010541.D
Acq On : 25 May 2022 18:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 25 23:27:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 05:50:40 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020670

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	120976	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	538341	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	384534	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	886143	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	947572	20.000	ng/ul	# 0.00
88) Perylene-d12	23.768	264	849640	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	22447m	7.909	ng/uL	0.00
4) Pyridine-d5	3.752	84	143034	17.749	ng/ul	0.00
7) Phenol-d5	7.046	99	179217	17.650	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	127768	18.729	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	145542	18.732	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	153819	17.826	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	78401	18.817	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	83306	18.867	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	153406	18.374	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	224043m	18.048	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	537319	18.966	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	606539	18.560	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	86158	17.086	ng/ul	0.00
60) Fluorene-d10	15.510	176	459895	18.659	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	89908	17.348	ng/ul	0.00
73) Anthracene-d10	17.363	188	751408	18.726	ng/ul	0.00
81) Pyrene-d10	19.598	212	931080	18.502	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.610	264	801460	18.786	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	23505	7.995	ng/uL#	23
5) Pyridine	3.775	79	152540	18.214	ng/ul#	31
6) Benzaldehyde	7.022	77	113339	21.115	ng/ul	94
8) Phenol	7.075	94	195298	17.829	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.305	93	160017	18.579	ng/ul#	74
12) 2-Chlorophenol	7.446	128	154203	19.011	ng/ul	97
13) 2-Methylphenol	8.328	108	149042	18.226	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.416	45	282159	20.101	ng/ul#	82
16) Acetophenone	8.704	105	252610	18.632	ng/ul#	73
17) N-Nitroso-di-n-propyla...	8.693	70	143209	19.737	ng/ul#	69
18) 4-Methylphenol	8.652	108	161017	17.816	ng/ul	86
19) Hexachloroethane	8.963	117	69286	19.641	ng/ul	84
22) Nitrobenzene	9.081	77	209117	19.099	ng/ul#	79
23) Isophorone	9.610	82	387332	19.139	ng/ul#	98
25) 2-Nitrophenol	9.799	139	89316	18.423	ng/ul#	86
26) 2,4-Dimethylphenol	9.857	107	200022	19.014	ng/ul#	83
27) Bis(2-Chloroethoxy)met...	10.093	93	225189	18.688	ng/ul#	97
29) 2,4-Dichlorophenol	10.334	162	156030	18.279	ng/ul#	84
30) Naphthalene	10.734	128	519169	18.464	ng/ul	97
32) 4-Chloroaniline	10.846	127	218880	17.767	ng/ul	97
33) Hexachlorobutadiene	11.022	225	113302	18.732	ng/ul	97
34) Caprolactam	11.622	113	56226m	18.874	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	187635	18.791	ng/ul#	71
36) 2-Methylnaphthalene	12.340	142	371350	18.655	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	375181	18.667	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.710	216	209006	17.811	ng/ul#	93
40) Hexachlorocyclopentadiene	12.692	237	135186	21.190	ng/ul	97
41) 2,4,6-Trichlorophenol	12.951	196	134522	18.391	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.022	196	145813	17.853	ng/ul#	87
43) 1,1'-Biphenyl	13.351	154	514650	18.234	ng/ul	94
44) 2-Chloronaphthalene	13.392	162	399595	18.330	ng/ul	95
45) 2-Nitroaniline	13.592	65	143405	19.988	ng/ul#	73
47) Dimethylphthalate	13.975	163	528828	18.818	ng/ul#	91
48) 2,6-Dinitrotoluene	14.092	165	109612	19.134	ng/ul	99
50) Acenaphthylene	14.234	152	660715	18.689	ng/ul	95
51) 3-Nitroaniline	14.422	138	98206	18.265	ng/ul#	84
52) Acenaphthene	14.575	153	427003	18.515	ng/ul	98
53) 2,4-Dinitrophenol	14.634	184	66376	20.753	ng/ul#	78
55) 4-Nitrophenol	14.728	109	82348	18.365	ng/ul#	50
56) Dibenzofuran	14.916	168	628490	18.596	ng/ul	97
57) 2,4-Dinitrotoluene	14.881	165	164670	19.968	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.145	232	132067	18.805	ng/ul#	85
59) Diethylphthalate	15.334	149	555719	19.379	ng/ul#	92
61) Fluorene	15.563	166	522598	18.908	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.557	204	268111	18.648	ng/ul	97
63) 4-Nitroaniline	15.581	138	101544m	19.127	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.645	198	89645	17.345	ng/ul#	85
67) N-Nitrosodiphenylamine	15.769	169	452110	18.193	ng/ul	95
68) 4-Bromophenyl-phenylether	16.451	248	164751	18.053	ng/ul	97
69) Hexachlorobenzene	16.575	284	188828	17.988	ng/ul#	90
70) Atrazine	16.728	200	181210	18.202	ng/ul#	89
71) Pentachlorophenol	16.922	266	109806	16.671	ng/ul#	85
72) Phenanthrene	17.310	178	872931	18.458	ng/ul	99
74) Anthracene	17.398	178	883859	18.630	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	223217	16.575	ng/uL	89
76) Pentachlorobenzene	14.839	250	217356	17.788	ng/uL	92
77) Carbazole	17.669	167	782348	18.764	ng/ul#	96
78) Di-n-butylphthalate	18.222	149	994575	19.585	ng/ul#	94
80) Fluoranthene	19.274	202	1088023	18.605	ng/ul	97
82) Pyrene	19.627	202	1140814	18.693	ng/ul#	94
83) Butylbenzylphthalate	20.498	149	479456	19.647	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.269	252	337057	17.698	ng/ul#	96
85) Benzo(a)anthracene	21.333	228	1122663	18.946	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.257	149	712554	19.898	ng/ul#	81
87) Chrysene	21.386	228	1101125	18.892	ng/ul	98
89) Di-n-octyl phthalate	22.186	149	1219880	19.139	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1091225	19.269	ng/ul	99
91) Benzo(k)fluoranthene	23.080	252	1007835	18.725	ng/ul#	99
93) Benzo(a)pyrene	23.662	252	990091	18.817	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.286	276	948324	19.159	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.304	278	798461	18.590	ng/ul#	93
96) Benzo(g,h,i)perylene	27.062	276	791672	19.154	ng/ul#	92

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

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