

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112922\
 Data File : BP012856.D
 Acq On : 29 Nov 2022 17:29
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020685

Quant Time: Nov 29 22:54:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 29 22:53:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2022
 Supervised By :mohammad ahmed 11/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	478534	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	2169729	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	1483052	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	3255826	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	3402187	20.000	ng/u1	0.00
88) Perylene-d12	23.998	264	3282153	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	82400	7.379	ng/uL	0.00
4) Pyridine-d5	3.817	84	635198	19.007	ng/u1	0.00
7) Phenol-d5	7.163	99	755928	19.224	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	480172	19.817	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	592611	19.778	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	622876	19.660	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	287867	21.677	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	313206	22.212	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	660658	20.080	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	931958	20.685	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	2043285	20.016	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	2372743	19.921	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	377327	20.733	ng/u1	0.00
60) Fluorene-d10	15.639	176	1832322	20.496	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	313717	20.160	ng/u1	0.00
73) Anthracene-d10	17.504	188	2901994	20.249	ng/u1	0.00
81) Pyrene-d10	19.727	212	3429071	17.346	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	3166479	19.641	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	88624	7.389	ng/uL	99
5) Pyridine	3.840	79	632174	19.333	ng/u1	99
6) Benzaldehyde	7.146	77	458380m	23.874	ng/u1	
8) Phenol	7.187	94	805867	19.544	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	665382	19.696	ng/u1	99
12) 2-Chlorophenol	7.569	128	645321	19.799	ng/u1	98
13) 2-Methylphenol	8.452	108	623852	19.467	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	957638	19.652	ng/u1	99
16) Acetophenone	8.840	105	1057382	21.057	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	517469	20.919	ng/u1	99
18) 4-Methylphenol	8.781	108	710760	20.139	ng/u1	97
19) Hexachloroethane	9.104	117	245659	19.654	ng/u1	97
22) Nitrobenzene	9.222	77	739533	21.233	ng/u1	100
23) Isophorone	9.751	82	1489145	19.394	ng/u1	99
25) 2-Nitrophenol	9.934	139	372011	21.979	ng/u1	97
26) 2,4-Dimethylphenol	9.993	107	757900	20.151	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.234	93	932291	19.804	ng/u1	99
29) 2,4-Dichlorophenol	10.469	162	690770	20.267	ng/u1	98
30) Naphthalene	10.881	128	2290077	20.157	ng/u1	99
32) 4-Chloroaniline	10.987	127	971276	20.991	ng/u1	99
33) Hexachlorobutadiene	11.163	225	447992	19.734	ng/u1	99
34) Caprolactam	11.757	113	211116m	20.171	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	720480	20.875	ng/u1	98
36) 2-Methylnaphthalene	12.481	142	1606740	20.537	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	1613596	20.579	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	917852	19.408	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	407417	17.879	ng/ul	99
41) 2,4,6-Trichlorophenol	13.081	196	590439	19.954	ng/ul	100
42) 2,4,5-Trichlorophenol	13.145	196	637711	20.047	ng/ul	99
43) 1,1'-Biphenyl	13.481	154	2141234	19.820	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	1710352	19.789	ng/ul	100
45) 2-Nitroaniline	13.728	65	412177	24.374	ng/ul	98
47) Dimethylphthalate	14.098	163	2163859	20.222	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	379164	22.642	ng/ul	100
50) Acenaphthylene	14.369	152	2634237	20.226	ng/ul	100
51) 3-Nitroaniline	14.545	138	410902	21.187	ng/ul	99
52) Acenaphthene	14.710	153	1850153	20.178	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	199552	18.544	ng/ul	96
55) 4-Nitrophenol	14.845	109	277820	21.011	ng/ul	97
56) Dibenzofuran	15.045	168	2595664	20.538	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	572474	23.165	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.269	232	568138	20.722	ng/ul	100
59) Diethylphthalate	15.463	149	2093438	20.211	ng/ul	100
61) Fluorene	15.698	166	2146585	21.179	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	1088125	20.692	ng/ul	99
63) 4-Nitroaniline	15.710	138	406042	24.564	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	345141	20.663	ng/ul	100
67) N-Nitrosodiphenylamine	15.904	169	1822340	19.694	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	571764	17.843	ng/ul	99
69) Hexachlorobenzene	16.704	284	783573	19.185	ng/ul	98
70) Atrazine	16.851	200	628935	19.811	ng/ul	98
71) Pentachlorophenol	17.045	266	475624	18.963	ng/ul	98
72) Phenanthrene	17.445	178	3527317	20.328	ng/ul	100
74) Anthracene	17.539	178	3520002	20.505	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	929558	18.468	ng/ul	99
76) Pentachlorobenzene	14.963	250	999391	19.100	ng/ul	99
77) Carbazole	17.804	167	3193944	21.993	ng/ul	99
78) Di-n-butylphthalate	18.351	149	3471386	20.192	ng/ul	100
80) Fluoranthene	19.404	202	4148400	16.871	ng/ul	99
82) Pyrene	19.757	202	4384639	17.241	ng/ul	99
83) Butylbenzylphthalate	20.622	149	1416666	23.804	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	1265367	20.253	ng/ul	100
85) Benzo(a)anthracene	21.469	228	4315958	18.341	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	2067492	22.716	ng/ul	100
87) Chrysene	21.527	228	4077126	17.920	ng/ul	100
89) Di-n-octyl phthalate	22.345	149	3336369	17.801	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	4209095	17.318	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	4279009	17.638	ng/ul	99
93) Benzo(a)pyrene	23.886	252	3735290	18.690	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.627	276	4141769	21.480	ng/ul	99
95) Dibenzo(a,h)anthracene	26.651	278	3733383	21.338	ng/ul	99
96) Benzo(g,h,i)perylene	27.439	276	3548525	21.396	ng/ul	99

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

