

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062022\
 Data File : BP010762.D
 Acq On : 20 Jun 2022 14:35
 Operator : CG/JU
 Sample : SSTD08007
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080607

Quant Time: Jun 20 15:40:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 20 14:42:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
 Supervised By :mohammad ahmed 06/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	149756	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	563183	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	329015	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	633632	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	711694	20.000	ng/u1	0.00
88) Perylene-d12	23.698	264	803282	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	117676	33.030	ng/uL	0.00
4) Pyridine-d5	3.687	84	772541	82.632	ng/u1	0.00
7) Phenol-d5	6.999	99	919848	80.964	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	549576	72.159	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	810704	88.716	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	745901	80.732	ng/u1	0.01
21) Nitrobenzene-d5	8.981	128	381405	85.909	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	432288	86.614	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	741157	86.319	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	971618	82.505	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	1883817	80.563	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	2385170	86.200	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	307513	82.041	ng/u1	0.00
60) Fluorene-d10	15.457	176	1674636	82.841	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	355307	93.813	ng/u1	0.00
73) Anthracene-d10	17.316	188	2489053m	86.745	ng/u1	0.00
81) Pyrene-d10	19.551	212	2897633	78.385	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.551	264	3506861	88.440	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	119071	32.274	ng/uL#	78
5) Pyridine	3.705	79	800387	82.884	ng/u1#	70
6) Benzaldehyde	6.963	77	358928	60.949	ng/u1	94
8) Phenol	7.028	94	981488	80.563	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.246	93	762564	79.909	ng/u1#	84
12) 2-Chlorophenol	7.387	128	824451	86.273	ng/u1#	88
13) 2-Methylphenol	8.275	108	731085	80.739	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.357	45	882206	56.367	ng/u1#	92
16) Acetophenone	8.646	105	1137674m	75.902	ng/u1	
17) N-Nitroso-di-n-propyla...	8.646	70	547607	70.490	ng/u1#	86
18) 4-Methylphenol	8.610	108	773129	80.249	ng/u1	100
19) Hexachloroethane	8.893	117	330700	74.396	ng/u1	94
22) Nitrobenzene	9.022	77	840403	73.577	ng/u1	91
23) Isophorone	9.557	82	1481868	73.408	ng/u1	97
25) 2-Nitrophenol	9.734	139	457834	88.348	ng/u1#	78
26) 2,4-Dimethylphenol	9.804	107	841254	77.057	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.034	93	932390m	79.367	ng/u1	
29) 2,4-Dichlorophenol	10.275	162	751512	85.576	ng/u1	95
30) Naphthalene	10.663	128	2430172	83.604	ng/u1	99
32) 4-Chloroaniline	10.781	127	977679	83.028	ng/u1	98
33) Hexachlorobutadiene	10.951	225	539262	77.972	ng/u1	96
34) Caprolactam	11.587	113	205490m	74.371	ng/u1	
35) 4-Chloro-3-methylphenol	11.922	107	724784	74.380	ng/u1	92
36) 2-Methylnaphthalene	12.281	142	1619655	82.544	ng/u1	97

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37) 1-Methylnaphthalene	12.498	142	1613810	81.915	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	933178	86.162	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	505630	99.504	ng/ul	96
41) 2,4,6-Trichlorophenol	12.898	196	575343	87.662	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	613788	88.402	ng/ul	99
43) 1,1'-Biphenyl	13.292	154	2105129	86.199	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	1648921	86.870	ng/ul	97
45) 2-Nitroaniline	13.545	65	418930	65.229	ng/ul#	74
47) Dimethylphthalate	13.922	163	1870095	80.437	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	407622	82.462	ng/ul#	81
50) Acenaphthylene	14.181	152	2568344	86.267	ng/ul	99
51) 3-Nitroaniline	14.375	138	366429	80.861	ng/ul#	82
52) Acenaphthene	14.522	153	1657892	86.123	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	244066	97.575	ng/ul#	69
55) 4-Nitrophenol	14.698	109	228958	60.623	ng/ul#	78
56) Dibenzofuran	14.857	168	2340210	82.836	ng/ul	92
57) 2,4-Dinitrotoluene	14.839	165	569447	83.663	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.092	232	492651	82.932	ng/ul	96
59) Diethylphthalate	15.286	149	1799572	74.466	ng/ul	98
61) Fluorene	15.510	166	1903811	83.049	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	997933	81.024	ng/ul	93
63) 4-Nitroaniline	15.545	138	315691m	73.803	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.604	198	346172	94.710	ng/ul#	89
67) N-Nitrosodiphenylamine	15.722	169	1591821	89.265	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	611948	88.082	ng/ul#	90
69) Hexachlorobenzene	16.522	284	721899	114.937	ng/ul	93
70) Atrazine	16.686	200	581474	80.158	ng/ul	99
71) Pentachlorophenol	16.875	266	399808	88.561	ng/ul	98
72) Phenanthrene	17.257	178	2861746	86.511	ng/ul	99
74) Anthracene	17.351	178	2915553	87.158	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	955181	88.111	ng/ul	98
76) Pentachlorobenzene	14.786	250	881359	93.187	ng/ul	99
77) Carbazole	17.627	167	2527646	86.894	ng/ul	98
78) Di-n-butylphthalate	18.174	149	2944270	73.899	ng/ul	98
80) Fluoranthene	19.227	202	3405328	78.017	ng/ul	96
82) Pyrene	19.586	202	3494142	78.517	ng/ul	96
83) Butylbenzylphthalate	20.457	149	1373945	74.119	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.227	252	1244379	95.356	ng/ul	98
85) Benzo(a)anthracene	21.292	228	3683229	83.840	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.215	149	2077371	76.178	ng/ul	100
87) Chrysene	21.345	228	3588360	83.408	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	3666083	71.345	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	4253293	85.692	ng/ul	99
91) Benzo(k)fluoranthene	23.021	252	4051124	85.546	ng/ul	98
93) Benzo(a)pyrene	23.604	252	4258033	87.051	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.209	276	5230035	91.720	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.221	278	4502270	91.705	ng/ul	99
96) Benzo(g,h,i)perylene	26.968	276	4442221	90.695	ng/ul	97

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

