

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062522\
 Data File : BP010821.D
 Acq On : 25 Jun 2022 10:27
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020681

Quant Time: Jun 26 22:51:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 24 22:42:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
 Supervised By :mohammad ahmed 07/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	486750	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	1969076	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.375	164	1059558	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.139	188	2044988	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.257	240	2031253	20.000	ng/u1	# 0.00
88) Perylene-d12	23.627	264	2226706	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	98356	7.644	ng/uL	0.00
4) Pyridine-d5	3.616	84	626015	18.277	ng/u1	0.01
7) Phenol-d5	6.904	99	739451	19.191	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.063	67	471345	18.705	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	635497	19.879	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	597776	19.625	ng/u1	0.01
21) Nitrobenzene-d5	8.881	128	283420	22.610	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	277324	26.741	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	522755	20.401	ng/u1	0.00
31) 4-Chloroaniline-d4	10.663	131	799583	19.116	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	1369640	18.871	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	1737096	18.753	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	245032	21.614	ng/u1	0.02
60) Fluorene-d10	15.375	176	1182125	18.979	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	133467	19.699	ng/u1	0.00
73) Anthracene-d10	17.239	188	1732384	19.040	ng/u1	0.00
81) Pyrene-d10	19.492	212	1989200	17.975	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.474	264	2102472	19.107	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	102281	7.454	ng/uL#	84
5) Pyridine	3.634	79	639942	18.444	ng/u1#	73
6) Benzaldehyde	6.869	77	428438	21.074	ng/u1	95
8) Phenol	6.934	94	783048	19.001	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.157	93	627185	18.949	ng/u1	88
12) 2-Chlorophenol	7.293	128	654222	19.825	ng/u1#	89
13) 2-Methylphenol	8.175	108	586665	19.122	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.257	45	805298	18.134	ng/u1#	96
16) Acetophenone	8.546	105	911463	19.485	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.540	70	436239	18.443	ng/u1#	86
18) 4-Methylphenol	8.504	108	621061	19.438	ng/u1	97
19) Hexachloroethane	8.793	117	254492	19.043	ng/u1#	82
22) Nitrobenzene	8.928	77	647880	20.711	ng/u1#	88
23) Isophorone	9.457	82	1182188	18.021	ng/u1	97
25) 2-Nitrophenol	9.634	139	316746	25.221	ng/u1#	83
26) 2,4-Dimethylphenol	9.710	107	657460	19.161	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.945	93	779126	18.827	ng/u1	97
29) 2,4-Dichlorophenol	10.175	162	536854	20.163	ng/u1	97
30) Naphthalene	10.569	128	1960668	19.105	ng/u1	100
32) 4-Chloroaniline	10.687	127	789317	19.046	ng/u1	100
33) Hexachlorobutadiene	10.851	225	329599	19.376	ng/u1	95
34) Caprolactam	11.475	113	163526	19.550	ng/u1	78
35) 4-Chloro-3-methylphenol	11.828	107	559983	19.405	ng/u1	92
36) 2-Methylnaphthalene	12.187	142	1249848	18.807	ng/u1	99

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37) 1-Methylnaphthalene	12.410	142	1249244	18.922	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.557	216	583045	19.149	ng/ul	99
40) Hexachlorocyclopentadiene	12.534	237	365690	18.954	ng/ul	96
41) 2,4,6-Trichlorophenol	12.804	196	371661	21.172	ng/ul	97
42) 2,4,5-Trichlorophenol	12.881	196	396730	21.060	ng/ul	99
43) 1,1'-Biphenyl	13.210	154	1576052	18.895	ng/ul	99
44) 2-Chloronaphthalene	13.245	162	1198442	19.073	ng/ul	99
45) 2-Nitroaniline	13.463	65	313984	23.552	ng/ul#	75
47) Dimethylphthalate	13.845	163	1379042	18.973	ng/ul	98
48) 2,6-Dinitrotoluene	13.963	165	256264	23.530	ng/ul	89
50) Acenaphthylene	14.098	152	1907973	18.807	ng/ul	99
51) 3-Nitroaniline	14.292	138	293754	22.499	ng/ul	87
52) Acenaphthene	14.439	153	1239340	18.933	ng/ul	99
53) 2,4-Dinitrophenol	14.492	184	89843m	21.488	ng/ul	
55) 4-Nitrophenol	14.616	109	187274	20.775	ng/ul#	75
56) Dibenzofuran	14.781	168	1712409	19.098	ng/ul	94
57) 2,4-Dinitrotoluene	14.751	165	363020	24.946	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.010	232	281438	20.863	ng/ul	91
59) Diethylphthalate	15.222	149	1378467	19.076	ng/ul	99
61) Fluorene	15.433	166	1363974	19.077	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.433	204	635317	18.982	ng/ul	98
63) 4-Nitroaniline	15.463	138	292704	24.247	ng/ul#	75
66) 4,6-Dinitro-2-methylph...	15.510	198	142300	19.436	ng/ul	96
67) N-Nitrosodiphenylamine	15.651	169	1148970	18.550	ng/ul	99
68) 4-Bromophenyl-phenylether	16.333	248	379706	18.527	ng/ul	96
69) Hexachlorobenzene	16.433	284	434247	18.293	ng/ul	95
70) Atrazine	16.622	200	391738	19.076	ng/ul	98
71) Pentachlorophenol	16.792	266	235564	19.272	ng/ul	97
72) Phenanthrene	17.186	178	2060041	18.916	ng/ul	99
74) Anthracene	17.275	178	2104767	19.216	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.169	216	595836	17.657	ng/uL	98
76) Pentachlorobenzene	14.692	250	537689	18.578	ng/uL	99
77) Carbazole	17.557	167	1969249	19.974	ng/ul	99
78) Di-n-butylphthalate	18.127	149	2314844	19.703	ng/ul	99
80) Fluoranthene	19.163	202	2403788	17.662	ng/ul#	89
82) Pyrene	19.521	202	2469007	17.963	ng/ul#	87
83) Butylbenzylphthalate	20.416	149	1088240	22.493	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.180	252	818359	19.511	ng/ul#	97
85) Benzo(a)anthracene	21.239	228	2399265	18.886	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.186	149	1603279	20.927	ng/ul#	96
87) Chrysene	21.292	228	2333181	19.166	ng/ul	99
89) Di-n-octyl phthalate	22.104	149	2761187	20.891	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	2647984	19.123	ng/ul#	97
91) Benzo(k)fluoranthene	22.951	252	2431122	18.471	ng/ul#	95
93) Benzo(a)pyrene	23.521	252	2560112	19.005	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.092	276	3056302	18.803	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.115	278	2629993	18.863	ng/ul#	94
96) Benzo(g,h,i)perylene	26.845	276	2575609	18.628	ng/ul#	88

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

