

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
 Data File : BP015588.D
 Acq On : 16 Jun 2023 19:45
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020755

Quant Time: Jun 19 00:57:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	127450	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	596191	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	416978	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.480	188	983540	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	984824	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	1103843	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	27682	8.043	ng/uL	0.00
4) Pyridine-d5	3.846	84	180042	20.139	ng/u1	0.00
7) Phenol-d5	7.240	99	230583	19.638	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	146154	20.843	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	172302	20.240	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	194091	20.141	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	93211	19.914	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	108021	20.209	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	199132	20.422	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	289316	20.671	ng/u1	0.00
46) Dimethylphthalate-d6	14.133	166	688298	20.933	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	736533	20.485	ng/u1	0.00
54) 4-Nitrophenol-d4	14.933	143	100265	17.028	ng/u1	0.00
60) Fluorene-d10	15.722	176	576231	20.782	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	121086	19.433	ng/u1	0.00
73) Anthracene-d10	17.580	188	927364	20.723	ng/u1	0.00
81) Pyrene-d10	19.804	212	1127121	21.384	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	1126878	20.346	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	29894	8.223	ng/uL	96
5) Pyridine	3.863	79	193298	20.856	ng/u1	94
6) Benzaldehyde	7.222	77	77441m	17.255	ng/u1	
8) Phenol	7.263	94	238819	19.715	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.499	93	194029	20.259	ng/u1	99
12) 2-Chlorophenol	7.640	128	182741	20.317	ng/u1	98
13) 2-Methylphenol	8.534	108	186746	20.037	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.610	45	269986	21.273	ng/u1	99
16) Acetophenone	8.916	105	331876	21.580	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.898	70	180433	21.738	ng/u1	98
18) 4-Methylphenol	8.863	108	209899	20.469	ng/u1	98
19) Hexachloroethane	9.169	117	76835	20.216	ng/u1	96
22) Nitrobenzene	9.304	77	262876	21.177	ng/u1	97
23) Isophorone	9.828	82	514657	20.712	ng/u1	97
25) 2-Nitrophenol	10.022	139	118332	20.504	ng/u1	99
26) 2,4-Dimethylphenol	10.075	107	251512	20.550	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.310	93	295850	20.479	ng/u1	99
29) 2,4-Dichlorophenol	10.557	162	200127	20.643	ng/u1	98
30) Naphthalene	10.957	128	656722	20.328	ng/u1	99
32) 4-Chloroaniline	11.075	127	305027	21.063	ng/u1	98
33) Hexachlorobutadiene	11.234	225	133048	20.349	ng/u1	99
34) Caprolactam	11.857	113	70860	19.416	ng/u1	85
35) 4-Chloro-3-methylphenol	12.192	107	250243	21.304	ng/u1	99
36) 2-Methylnaphthalene	12.563	142	469795	20.685	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	473177	20.692	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.928	216	268760	20.699	ng/ul	98
40) Hexachlorocyclopentadiene	12.898	237	106621	20.033	ng/ul	99
41) 2,4,6-Trichlorophenol	13.169	196	180666	20.906	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	199329	21.166	ng/ul	99
43) 1,1'-Biphenyl	13.563	154	658877	20.433	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	516238	20.405	ng/ul	98
45) 2-Nitroaniline	13.816	65	172112	21.256	ng/ul	96
47) Dimethylphthalate	14.181	163	711748	20.965	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	146028	20.995	ng/ul	99
50) Acenaphthylene	14.451	152	821114	20.623	ng/ul	99
51) 3-Nitroaniline	14.645	138	101022	17.594	ng/ul	97
52) Acenaphthene	14.792	153	566791	20.594	ng/ul	100
53) 2,4-Dinitrophenol	14.857	184	92869	22.196	ng/ul	97
55) 4-Nitrophenol	14.951	109	101228	17.823	ng/ul	96
56) Dibenzofuran	15.128	168	811025	20.791	ng/ul	100
57) 2,4-Dinitrotoluene	15.098	165	215235	21.039	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.351	232	179497	21.110	ng/ul	98
59) Diethylphthalate	15.539	149	737911	21.208	ng/ul	99
61) Fluorene	15.775	166	667184	20.981	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.763	204	336877	21.020	ng/ul	99
63) 4-Nitroaniline	15.810	138	92019m	16.896	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.863	198	125546	19.756	ng/ul	95
67) N-Nitrosodiphenylamine	15.980	169	571961	20.498	ng/ul	100
68) 4-Bromophenyl-phenylether	16.663	248	218736	20.788	ng/ul	96
69) Hexachlorobenzene	16.780	284	259204	20.883	ng/ul	93
70) Atrazine	16.933	200	233036	20.914	ng/ul	98
71) Pentachlorophenol	17.133	266	144854	20.648	ng/ul	99
72) Phenanthrene	17.527	178	1093312	20.714	ng/ul	100
74) Anthracene	17.616	178	1106085	20.654	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.528	216	276432	20.364	ng/uL	98
76) Pentachlorobenzene	15.045	250	296564	20.867	ng/uL	99
77) Carbazole	17.886	167	998047	20.698	ng/ul	100
78) Di-n-butylphthalate	18.416	149	1296824	21.197	ng/ul	100
80) Fluoranthene	19.480	202	1360575	21.191	ng/ul	99
82) Pyrene	19.833	202	1411708	21.253	ng/ul	99
83) Butylbenzylphthalate	20.686	149	637486	21.713	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.474	252	421860	18.132	ng/ul	99
85) Benzo(a)anthracene	21.551	228	1428934	20.755	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	941875	21.705	ng/ul	99
87) Chrysene	21.604	228	1340839	20.604	ng/ul	99
89) Di-n-octyl phthalate	22.410	149	1643073	22.648	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	1481333	20.790	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	1408107	20.444	ng/ul	99
93) Benzo(a)pyrene	23.998	252	1260387	20.289	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.803	276	1585681	19.723	ng/ul	99
95) Dibenzo(a,h)anthracene	26.815	278	1303349	19.899	ng/ul	99
96) Benzo(g,h,i)perylene	27.633	276	1305089	19.698	ng/ul	99

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

