

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015686.D
 Acq On : 23 Jun 2023 23:57
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020764

Quant Time: Jun 24 00:50:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	175577	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	713396	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	399813	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	710286	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	616825	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	756258	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	34172	7.207	ng/uL	0.00
4) Pyridine-d5	3.840	84	220019	17.864	ng/u1	0.00
7) Phenol-d5	7.246	99	280774	17.358	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	173446	17.955	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	217222	18.522	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	225307	16.972	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	109579	19.565	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	124852	19.520	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	219044	18.774	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	264023	15.765	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	595018	18.873	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	669581	19.423	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	62105	11.000	ng/u1	0.00
60) Fluorene-d10	15.722	176	457292	17.200	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	74370	16.528	ng/u1	0.00
73) Anthracene-d10	17.586	188	619196	19.160	ng/u1	0.00
81) Pyrene-d10	19.816	212	657339	19.911	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	707988	18.658	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	36911	7.370	ng/uL#	87
5) Pyridine	3.864	79	230837	18.079	ng/u1	98
6) Benzaldehyde	7.216	77	112412m	18.182	ng/u1	
8) Phenol	7.269	94	294178	17.629	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.493	93	232485	17.621	ng/u1	97
12) 2-Chlorophenol	7.640	128	228106	18.409	ng/u1	98
13) 2-Methylphenol	8.534	108	222902	17.361	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.605	45	322060	18.420	ng/u1	98
16) Acetophenone	8.916	105	367727	17.357	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.893	70	201487	17.621	ng/u1	97
18) 4-Methylphenol	8.869	108	239946	16.985	ng/u1	98
19) Hexachloroethane	9.163	117	102630	19.601	ng/u1	97
22) Nitrobenzene	9.305	77	294690	19.840	ng/u1	99
23) Isophorone	9.828	82	552798	18.592	ng/u1	98
25) 2-Nitrophenol	10.022	139	133799	19.375	ng/u1	99
26) 2,4-Dimethylphenol	10.075	107	285901	19.522	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.310	93	318897	18.448	ng/u1	98
29) 2,4-Dichlorophenol	10.563	162	223028	19.225	ng/u1	98
30) Naphthalene	10.957	128	729436	18.869	ng/u1	99
32) 4-Chloroaniline	11.081	127	279288	16.117	ng/u1	99
33) Hexachlorobutadiene	11.228	225	161455	20.637	ng/u1	98
34) Caprolactam	11.869	113	62735m	14.366	ng/u1	
35) 4-Chloro-3-methylphenol	12.204	107	241721	17.197	ng/u1	99
36) 2-Methylnaphthalene	12.563	142	471637	17.355	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	479863	17.537	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.928	216	269514	21.648	ng/ul	99
40) Hexachlorocyclopentadiene	12.893	237	68575	13.437	ng/ul	96
41) 2,4,6-Trichlorophenol	13.175	196	166356	20.076	ng/ul	97
42) 2,4,5-Trichlorophenol	13.251	196	173715	19.238	ng/ul	98
43) 1,1'-Biphenyl	13.563	154	637730	20.626	ng/ul	99
44) 2-Chloronaphthalene	13.610	162	496430	20.464	ng/ul	98
45) 2-Nitroaniline	13.828	65	144539	18.617	ng/ul	97
47) Dimethylphthalate	14.181	163	613951	18.861	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	122787	18.411	ng/ul	96
50) Acenaphthylene	14.451	152	732403	19.184	ng/ul	99
51) 3-Nitroaniline	14.657	138	96738	17.571	ng/ul	96
52) Acenaphthene	14.792	153	501374	18.999	ng/ul	98
53) 2,4-Dinitrophenol	14.881	184	42680	10.639	ng/ul	95
55) 4-Nitrophenol	14.975	109	62570	11.489	ng/ul	94
56) Dibenzofuran	15.128	168	679777	18.174	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	157417	16.048	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.363	232	135307	16.596	ng/ul#	98
59) Diethylphthalate	15.534	149	605019	18.135	ng/ul	98
61) Fluorene	15.781	166	536768	17.604	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.763	204	283766	18.466	ng/ul	97
63) 4-Nitroaniline	15.822	138	69805m	13.367	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.881	198	76970	16.772	ng/ul#	87
67) N-Nitrosodiphenylamine	15.981	169	443529	22.011	ng/ul	100
68) 4-Bromophenyl-phenylether	16.663	248	167814	22.084	ng/ul	96
69) Hexachlorobenzene	16.786	284	186801	20.840	ng/ul	94
70) Atrazine	16.939	200	161394	20.057	ng/ul	98
71) Pentachlorophenol	17.145	266	82890	16.361	ng/ul	99
72) Phenanthrene	17.533	178	727489	19.086	ng/ul	100
74) Anthracene	17.628	178	732967	18.952	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.528	216	272486	27.796	ng/uL	99
76) Pentachlorobenzene	15.051	250	249513	24.310	ng/uL	100
77) Carbazole	17.898	167	615324	17.670	ng/ul	99
78) Di-n-butylphthalate	18.416	149	869331	19.676	ng/ul	99
80) Fluoranthene	19.492	202	808456	20.104	ng/ul	99
82) Pyrene	19.845	202	826920	19.876	ng/ul	100
83) Butylbenzylphthalate	20.698	149	359230	19.536	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	282245	19.368	ng/ul	99
85) Benzo(a)anthracene	21.563	228	821711	19.056	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	510560	18.785	ng/ul	99
87) Chrysene	21.622	228	774161	18.994	ng/ul	98
89) Di-n-octyl phthalate	22.421	149	889855	17.903	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	885191	18.133	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	862242	18.272	ng/ul	99
93) Benzo(a)pyrene	24.021	252	784744	18.438	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.857	276	1097464	19.925	ng/ul	99
95) Dibenzo(a,h)anthracene	26.862	278	910491	20.290	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	911864	20.088	ng/ul	97

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

