

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015618.D
 Acq On : 20 Jun 2023 13:05
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020758

Quant Time: Jun 20 22:32:07 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 06/21/2023
 Supervised By :mohammad ahmed 06/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	102288	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	458538	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	308047	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	746314	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	736647	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	802685	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	19699	7.131	ng/uL	0.00
4) Pyridine-d5	3.846	84	143368	19.981	ng/u1	0.00
7) Phenol-d5	7.246	99	194296	20.618	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	113826	20.225	ng/u1	0.00
11) 2-Chlorophenol-d4	7.610	132	144334	21.125	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	159924	20.678	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	78150	21.708	ng/u1	0.00
24) 2-Nitrophenol-d4	9.993	143	90363	21.980	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	162469	21.664	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	237955	22.105	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	506954	20.870	ng/u1	0.00
49) Acenaphthylene-d8	14.428	160	591080	22.253	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	73757	16.955	ng/u1	0.02
60) Fluorene-d10	15.722	176	446013	21.774	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	89461	18.922	ng/u1	0.00
73) Anthracene-d10	17.586	188	744998	21.940	ng/u1	0.00
81) Pyrene-d10	19.810	212	927779	23.532	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	853934	21.202	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	21179	7.259	ng/uL	98
5) Pyridine	3.869	79	146951	19.755	ng/u1	99
6) Benzaldehyde	7.222	77	64284	17.847	ng/u1	98
8) Phenol	7.275	94	202728	20.853	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.499	93	152646	19.859	ng/u1	99
12) 2-Chlorophenol	7.646	128	153731	21.296	ng/u1	99
13) 2-Methylphenol	8.540	108	155935	20.847	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.622	45	206298m	20.253	ng/u1	
16) Acetophenone	8.922	105	257084	20.829	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.899	70	137592	20.654	ng/u1	98
18) 4-Methylphenol	8.869	108	171844	20.880	ng/u1	99
19) Hexachloroethane	9.169	117	63787	20.911	ng/u1	99
22) Nitrobenzene	9.304	77	209326	21.926	ng/u1	98
23) Isophorone	9.834	82	398692	20.862	ng/u1	99
25) 2-Nitrophenol	10.022	139	96083	21.646	ng/u1	99
26) 2,4-Dimethylphenol	10.081	107	204212	21.694	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.316	93	222315	20.009	ng/u1	98
29) 2,4-Dichlorophenol	10.563	162	162659	21.815	ng/u1	98
30) Naphthalene	10.963	128	533524	21.472	ng/u1	100
32) 4-Chloroaniline	11.081	127	241038	21.641	ng/u1	99
33) Hexachlorobutadiene	11.234	225	108086	21.494	ng/u1	99
34) Caprolactam	11.869	113	60310	21.486	ng/u1	94
35) 4-Chloro-3-methylphenol	12.204	107	199471	22.079	ng/u1	100
36) 2-Methylnaphthalene	12.563	142	368262	21.082	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.781	142	369867	21.030	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.928	216	212179	22.120	ng/ul	99
40) Hexachlorocyclopentadiene	12.898	237	48463	12.325	ng/ul	99
41) 2,4,6-Trichlorophenol	13.175	196	141258	22.126	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	157526	22.642	ng/ul	95
43) 1,1'-Biphenyl	13.563	154	515740	21.649	ng/ul	100
44) 2-Chloronaphthalene	13.610	162	408363	21.849	ng/ul	98
45) 2-Nitroaniline	13.822	65	137046	22.910	ng/ul	95
47) Dimethylphthalate	14.181	163	532321	21.224	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	113139	22.018	ng/ul	99
50) Acenaphthylene	14.451	152	644183	21.900	ng/ul	100
51) 3-Nitroaniline	14.645	138	90665	21.374	ng/ul#	97
52) Acenaphthene	14.792	153	450107	22.137	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	47070	15.228	ng/ul	97
55) 4-Nitrophenol	14.963	109	75714	18.045	ng/ul	98
56) Dibenzofuran	15.128	168	635787	22.062	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	168948	22.355	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.357	232	139608	22.225	ng/ul	99
59) Diethylphthalate	15.539	149	550512	21.417	ng/ul	98
61) Fluorene	15.781	166	525940	22.388	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.769	204	259206	21.893	ng/ul	98
63) 4-Nitroaniline	15.810	138	75616m	18.793	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	91681	19.013	ng/ul	94
67) N-Nitrosodiphenylamine	15.986	169	447106	21.117	ng/ul	98
68) 4-Bromophenyl-phenylether	16.669	248	167954	21.035	ng/ul	100
69) Hexachlorobenzene	16.786	284	208243	22.111	ng/ul	97
70) Atrazine	16.939	200	180696	21.372	ng/ul	98
71) Pentachlorophenol	17.139	266	115228	21.646	ng/ul	98
72) Phenanthrene	17.533	178	874463	21.834	ng/ul	100
74) Anthracene	17.622	178	898732	22.116	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.534	216	215675	20.939	ng/uL	99
76) Pentachlorobenzene	15.051	250	228453	21.184	ng/uL	99
77) Carbazole	17.892	167	824964	22.546	ng/ul	99
78) Di-n-butylphthalate	18.416	149	1009162	21.738	ng/ul	99
80) Fluoranthene	19.486	202	1125376	23.433	ng/ul	98
82) Pyrene	19.839	202	1164096	23.429	ng/ul	99
83) Butylbenzylphthalate	20.692	149	521950	23.768	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	369037	21.205	ng/ul	100
85) Benzo(a)anthracene	21.557	228	1123384	21.814	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	745068	22.954	ng/ul	99
87) Chrysene	21.610	228	1055390	21.682	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	1321271	25.046	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1113922	21.499	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	1068503	21.333	ng/ul	99
93) Benzo(a)pyrene	24.010	252	950554	21.042	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.821	276	1240616	21.221	ng/ul	99
95) Dibenzo(a,h)anthracene	26.833	278	1021903	21.455	ng/ul	100
96) Benzo(g,h,i)perylene	27.662	276	1007970	20.921	ng/ul	97

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

