

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015785.D
 Acq On : 28 Jun 2023 18:56
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020772

Quant Time: Jun 28 22:17:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	251643	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	1054578	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.704	164	606415	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.469	188	1125987	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	822787	20.000	ng/u1	0.00
88) Perylene-d12	24.104	264	1009565	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	56560	8.087	ng/uL	0.00
4) Pyridine-d5	3.823	84	369630	20.965	ng/u1	0.00
7) Phenol-d5	7.222	99	456404	21.198	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	292505	21.959	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	345139	21.235	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	361862	21.275	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	178994	22.209	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	197115	20.955	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	353160	21.069	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	443055	20.576	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	971550	20.728	ng/u1	-0.01
49) Acenaphthylene-d8	14.404	160	1117455	21.208	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	105799	17.105	ng/u1	0.00
60) Fluorene-d10	15.698	176	785829	20.362	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.857	200	129497	18.701	ng/u1	0.00
73) Anthracene-d10	17.569	188	1068597	20.777	ng/u1	0.00
81) Pyrene-d10	19.798	212	1038770	19.334	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.933	264	1042367	20.468	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	58421	7.762	ng/uL	98
5) Pyridine	3.846	79	386198	20.938	ng/u1	94
6) Benzaldehyde	7.199	77	203540	23.382	ng/u1	98
8) Phenol	7.252	94	475102	21.264	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.475	93	392173	22.061	ng/u1	98
12) 2-Chlorophenol	7.616	128	368722	21.354	ng/u1	97
13) 2-Methylphenol	8.516	108	361602	21.435	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.593	45	567311	23.365	ng/u1	98
16) Acetophenone	8.899	105	591933	21.170	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.875	70	326590	21.031	ng/u1	98
18) 4-Methylphenol	8.852	108	387149	21.360	ng/u1	100
19) Hexachloroethane	9.140	117	165046	20.695	ng/u1	97
22) Nitrobenzene	9.281	77	493172	21.790	ng/u1	99
23) Isophorone	9.810	82	914230	21.108	ng/u1	99
25) 2-Nitrophenol	10.005	139	215206	21.557	ng/u1	92
26) 2,4-Dimethylphenol	10.057	107	450790	20.541	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.287	93	541576	22.151	ng/u1	99
29) 2,4-Dichlorophenol	10.546	162	355643	21.341	ng/u1	100
30) Naphthalene	10.934	128	1198115	20.899	ng/u1	99
32) 4-Chloroaniline	11.063	127	463245	20.707	ng/u1	97
33) Hexachlorobutadiene	11.204	225	241977	19.228	ng/u1	99
34) Caprolactam	11.857	113	105867m	20.768	ng/u1	
35) 4-Chloro-3-methylphenol	12.187	107	399788	20.495	ng/u1	100
36) 2-Methylnaphthalene	12.540	142	789510	20.920	ng/u1	97

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37) 1-Methylnaphthalene	12.757	142	785566	20.405	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.910	216	429574	21.496	ng/ul	98
40) Hexachlorocyclopentadiene	12.869	237	121073	20.252	ng/ul	97
41) 2,4,6-Trichlorophenol	13.157	196	270553	21.423	ng/ul	99
42) 2,4,5-Trichlorophenol	13.240	196	289267	21.594	ng/ul	96
43) 1,1'-Biphenyl	13.540	154	1049156	21.843	ng/ul	99
44) 2-Chloronaphthalene	13.587	162	816781	21.586	ng/ul	98
45) 2-Nitroaniline	13.810	65	258484	21.711	ng/ul	95
47) Dimethylphthalate	14.163	163	1010839	20.839	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	205848	20.920	ng/ul	100
50) Acenaphthylene	14.428	152	1230443	21.194	ng/ul	99
51) 3-Nitroaniline	14.645	138	166448	21.572	ng/ul	98
52) Acenaphthene	14.769	153	846944	21.038	ng/ul	97
53) 2,4-Dinitrophenol	14.875	184	77120	14.773	ng/ul	90
55) 4-Nitrophenol	14.963	109	93416	14.574	ng/ul	86
56) Dibenzofuran	15.110	168	1152667	20.625	ng/ul	97
57) 2,4-Dinitrotoluene	15.104	165	266706	19.891	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.345	232	228435	19.854	ng/ul	99
59) Diethylphthalate	15.516	149	1001282	20.398	ng/ul	100
61) Fluorene	15.757	166	914779	20.180	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	465490	20.068	ng/ul	96
63) 4-Nitroaniline	15.816	138	108890m	20.619	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.869	198	133813	19.099	ng/ul#	95
67) N-Nitrosodiphenylamine	15.963	169	766001	22.724	ng/ul	98
68) 4-Bromophenyl-phenylether	16.645	248	278233	21.639	ng/ul	92
69) Hexachlorobenzene	16.769	284	311197	20.512	ng/ul	99
70) Atrazine	16.922	200	270799	20.987	ng/ul	97
71) Pentachlorophenol	17.128	266	142894	19.624	ng/ul	95
72) Phenanthrene	17.510	178	1274639	20.838	ng/ul	100
74) Anthracene	17.604	178	1281962	20.857	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	433812	23.677	ng/uL	99
76) Pentachlorobenzene	15.028	250	407132	22.017	ng/uL	99
77) Carbazole	17.881	167	1067859	20.613	ng/ul	98
78) Di-n-butylphthalate	18.398	149	1495520	21.775	ng/ul	99
80) Fluoranthene	19.475	202	1299265	19.458	ng/ul	97
82) Pyrene	19.828	202	1313245	19.281	ng/ul	95
83) Butylbenzylphthalate	20.675	149	581771	20.936	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.469	252	398938	21.449	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1214167	20.978	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	835489	21.878	ng/ul	98
87) Chrysene	21.598	228	1163292	21.184	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	1400683	18.985	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	1269573	19.571	ng/ul	99
91) Benzo(k)fluoranthene	23.369	252	1318054	20.110	ng/ul	98
93) Benzo(a)pyrene	23.986	252	1174133	20.715	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.798	276	1624572	21.113	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.810	278	1335461	21.130	ng/ul	97
96) Benzo(g,h,i)perylene	27.633	276	1343826	21.229	ng/ul	98

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

