

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015850.D
 Acq On : 30 Jun 2023 18:31
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020778

Quant Time: Jun 30 23:47:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	302203	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1192308	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	624935	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1161727	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.551	240	981683	20.000	ng/u1	# 0.00
88) Perylene-d12	24.098	264	1204661	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	72762	8.663	ng/uL	0.00
4) Pyridine-d5	3.822	84	447945	21.156	ng/u1	0.00
7) Phenol-d5	7.228	99	575089	22.241	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	374223	23.393	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	426463	21.849	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	422129	20.666	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	205737	22.579	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	226501	21.298	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	386406	20.389	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	503723	20.691	ng/u1	0.00
46) Dimethylphthalate-d6	14.110	166	984857	20.389	ng/u1	0.00
49) Acenaphthylene-d8	14.398	160	1174509	21.630	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	106618	16.726	ng/u1	0.00
60) Fluorene-d10	15.698	176	805108	20.243	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	128449	17.979	ng/u1	0.00
73) Anthracene-d10	17.563	188	1152244	21.714	ng/u1	0.00
81) Pyrene-d10	19.792	212	1227868	19.155	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	1274113	20.967	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	78346	8.667	ng/uL	96
5) Pyridine	3.840	79	495180	22.355	ng/u1	94
6) Benzaldehyde	7.193	77	241841	23.134	ng/u1	97
8) Phenol	7.252	94	600695	22.387	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.469	93	494467	23.161	ng/u1	99
12) 2-Chlorophenol	7.616	128	457006	22.039	ng/u1	99
13) 2-Methylphenol	8.516	108	437232	21.582	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.587	45	713285	24.462	ng/u1	98
16) Acetophenone	8.893	105	683777	20.364	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.869	70	385400	20.666	ng/u1	99
18) 4-Methylphenol	8.852	108	468405	21.519	ng/u1	98
19) Hexachloroethane	9.128	117	196139	20.479	ng/u1	87
22) Nitrobenzene	9.281	77	558396	21.822	ng/u1	97
23) Isophorone	9.804	82	1027626	20.986	ng/u1	99
25) 2-Nitrophenol	9.999	139	245031	21.710	ng/u1	92
26) 2,4-Dimethylphenol	10.057	107	504524	20.334	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.287	93	630606	22.812	ng/u1	98
29) 2,4-Dichlorophenol	10.546	162	388815	20.636	ng/u1	98
30) Naphthalene	10.928	128	1397109	21.555	ng/u1	99
32) 4-Chloroaniline	11.063	127	533244	21.082	ng/u1	98
33) Hexachlorobutadiene	11.193	225	256354	18.017	ng/u1	98
34) Caprolactam	11.857	113	115681	20.072	ng/u1	94
35) 4-Chloro-3-methylphenol	12.193	107	420787	19.080	ng/u1	97
36) 2-Methylnaphthalene	12.534	142	866689	20.312	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	862103	19.806	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.904	216	443149	21.519	ng/ul	99
40) Hexachlorocyclopentadiene	12.863	237	135577	22.006	ng/ul	98
41) 2,4,6-Trichlorophenol	13.157	196	275429	21.163	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	280339	20.308	ng/ul	98
43) 1,1'-Biphenyl	13.534	154	1105440	22.333	ng/ul#	97
44) 2-Chloronaphthalene	13.587	162	865610	22.199	ng/ul	97
45) 2-Nitroaniline	13.810	65	264213	21.534	ng/ul	95
47) Dimethylphthalate	14.157	163	1031532	20.635	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	203493	20.068	ng/ul	100
50) Acenaphthylene	14.428	152	1319265	22.050	ng/ul	99
51) 3-Nitroaniline	14.645	138	176075	22.143	ng/ul	95
52) Acenaphthene	14.763	153	907191	21.866	ng/ul	96
53) 2,4-Dinitrophenol	14.875	184	108024	20.080	ng/ul	88
55) 4-Nitrophenol	14.975	109	117133	17.733	ng/ul#	76
56) Dibenzofuran	15.104	168	1206727	20.952	ng/ul	96
57) 2,4-Dinitrotoluene	15.104	165	273701	19.807	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.345	232	220752	18.617	ng/ul	98
59) Diethylphthalate	15.510	149	1005199	19.871	ng/ul	99
61) Fluorene	15.751	166	953792	20.417	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.739	204	454161	19.000	ng/ul	96
63) 4-Nitroaniline	15.822	138	121663m	22.355	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	131377	18.174	ng/ul#	92
67) N-Nitrosodiphenylamine	15.957	169	783751	22.536	ng/ul	98
68) 4-Bromophenyl-phenylether	16.639	248	267341	20.152	ng/ul	89
69) Hexachlorobenzene	16.763	284	304793	19.472	ng/ul	96
70) Atrazine	16.916	200	265321	19.930	ng/ul	97
71) Pentachlorophenol	17.128	266	144571	19.243	ng/ul	95
72) Phenanthrene	17.504	178	1383737	21.925	ng/ul	100
74) Anthracene	17.598	178	1403570	22.133	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	438397	23.191	ng/ul	99
76) Pentachlorobenzene	15.022	250	405641	21.261	ng/ul	99
77) Carbazole	17.881	167	1239708	23.194	ng/ul	98
78) Di-n-butylphthalate	18.392	149	1556765	21.969	ng/ul	99
80) Fluoranthene	19.469	202	1522381	19.110	ng/ul#	94
82) Pyrene	19.822	202	1575689	19.389	ng/ul#	90
83) Butylbenzylphthalate	20.669	149	679399	20.492	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.463	252	471122	21.230	ng/ul#	99
85) Benzo(a)anthracene	21.533	228	1500935	21.735	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	957852	21.022	ng/ul	100
87) Chrysene	21.592	228	1423784	21.731	ng/ul	100
89) Di-n-octyl phthalate	22.374	149	1640402	18.633	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1574561	20.342	ng/ul#	97
91) Benzo(k)fluoranthene	23.357	252	1614726	20.647	ng/ul#	96
93) Benzo(a)pyrene	23.980	252	1439449	21.283	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.792	276	1954615	21.288	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.804	278	1616726	21.437	ng/ul#	95
96) Benzo(g,h,i)perylene	27.639	276	1598543	21.163	ng/ul#	95

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

