

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015768.D
 Acq On : 28 Jun 2023 08:43
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020771

Quant Time: Jun 28 22:06:15 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 06/28/2023
 Supervised By :mohammad ahmed 06/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	202847	20.000	ng/u1	0.00
20) Naphthalene-d8	10.881	136	874159	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.704	164	553475	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.469	188	1204054	20.000	ng/u1	0.00
79) Chrysene-d12	21.557	240	922962	20.000	ng/u1	0.00
88) Perylene-d12	24.104	264	903966	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	44142	7.829	ng/uL	0.00
4) Pyridine-d5	3.822	84	284707	20.033	ng/u1	0.00
7) Phenol-d5	7.222	99	367672	21.184	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	234512	21.840	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	279728	21.351	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	294500	21.479	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	142107	21.272	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	161475	20.710	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	293598	21.131	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	397547	22.273	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	899056	21.016	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1020236	21.215	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	114713	20.320	ng/u1	0.00
60) Fluorene-d10	15.698	176	752989	21.377	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.857	200	141016	19.044	ng/u1	0.00
73) Anthracene-d10	17.569	188	1164021	21.164	ng/u1	0.00
81) Pyrene-d10	19.792	212	1256594	20.850	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.933	264	939332	20.599	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	47415	7.815	ng/uL	97
5) Pyridine	3.846	79	298209	20.057	ng/u1	94
6) Benzaldehyde	7.199	77	157905	22.503	ng/u1	96
8) Phenol	7.252	94	382776	21.253	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.475	93	313335	21.866	ng/u1	98
12) 2-Chlorophenol	7.616	128	293368	21.077	ng/u1	98
13) 2-Methylphenol	8.516	108	292779	21.530	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.593	45	457761	23.388	ng/u1	99
16) Acetophenone	8.899	105	479576	21.278	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.875	70	270215	21.586	ng/u1	98
18) 4-Methylphenol	8.852	108	321224	21.986	ng/u1	97
19) Hexachloroethane	9.140	117	134218	20.878	ng/u1	98
22) Nitrobenzene	9.287	77	389296	20.751	ng/u1	98
23) Isophorone	9.810	82	755734	21.050	ng/u1	99
25) 2-Nitrophenol	9.999	139	177019	21.392	ng/u1	95
26) 2,4-Dimethylphenol	10.057	107	373115	20.511	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.287	93	448064	22.108	ng/u1	97
29) 2,4-Dichlorophenol	10.546	162	297012	21.501	ng/u1	99
30) Naphthalene	10.934	128	993632	20.909	ng/u1	100
32) 4-Chloroaniline	11.063	127	415436	22.403	ng/u1	97
33) Hexachlorobutadiene	11.204	225	200243	19.195	ng/u1	99
34) Caprolactam	11.857	113	99432	23.532	ng/u1	92
35) 4-Chloro-3-methylphenol	12.187	107	350405	21.671	ng/u1	98
36) 2-Methylnaphthalene	12.540	142	668114	21.357	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.757	142	672122	21.061	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.910	216	374157	20.514	ng/ul	98
40) Hexachlorocyclopentadiene	12.869	237	89737	16.446	ng/ul	96
41) 2,4,6-Trichlorophenol	13.157	196	240166	20.836	ng/ul	97
42) 2,4,5-Trichlorophenol	13.240	196	260083	21.273	ng/ul	97
43) 1,1'-Biphenyl	13.540	154	912136	20.807	ng/ul	98
44) 2-Chloronaphthalene	13.587	162	715242	20.711	ng/ul	99
45) 2-Nitroaniline	13.810	65	243838	22.439	ng/ul	93
47) Dimethylphthalate	14.163	163	931636	21.043	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	193740	21.573	ng/ul	98
50) Acenaphthylene	14.434	152	1120130	21.139	ng/ul	99
51) 3-Nitroaniline	14.639	138	155199	22.038	ng/ul	90
52) Acenaphthene	14.769	153	772533	21.025	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	83802	17.589	ng/ul	92
55) 4-Nitrophenol	14.963	109	106911	18.275	ng/ul	89
56) Dibenzofuran	15.110	168	1080058	21.174	ng/ul	98
57) 2,4-Dinitrotoluene	15.098	165	274230	22.408	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.345	232	221398	21.083	ng/ul	99
59) Diethylphthalate	15.516	149	963578	21.507	ng/ul	99
61) Fluorene	15.757	166	881265	21.300	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.745	204	436241	20.606	ng/ul	98
63) 4-Nitroaniline	15.816	138	113121m	23.469	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.869	198	145107	19.368	ng/ul	99
67) N-Nitrosodiphenylamine	15.963	169	750608	20.824	ng/ul	98
68) 4-Bromophenyl-phenylether	16.645	248	278273	20.239	ng/ul	92
69) Hexachlorobenzene	16.769	284	326117	20.101	ng/ul	97
70) Atrazine	16.922	200	290740	21.072	ng/ul	98
71) Pentachlorophenol	17.128	266	160038	20.553	ng/ul	98
72) Phenanthrene	17.510	178	1377104	21.053	ng/ul	99
74) Anthracene	17.604	178	1416625	21.553	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.510	216	382452	19.520	ng/ul	100
76) Pentachlorobenzene	15.028	250	384803	19.460	ng/ul	99
77) Carbazole	17.880	167	1234960	22.293	ng/ul	99
78) Di-n-butylphthalate	18.398	149	1665108	22.672	ng/ul	99
80) Fluoranthene	19.469	202	1557650	20.796	ng/ul	97
82) Pyrene	19.822	202	1568725	20.532	ng/ul#	93
83) Butylbenzylphthalate	20.669	149	733919	23.545	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.469	252	461438	22.116	ng/ul	99
85) Benzo(a)anthracene	21.539	228	1356100	20.887	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.421	149	1058352	24.706	ng/ul	100
87) Chrysene	21.598	228	1288168	20.912	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	1721124	26.053	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	1216653	20.947	ng/ul	99
91) Benzo(k)fluoranthene	23.368	252	1238202	21.099	ng/ul	99
93) Benzo(a)pyrene	23.986	252	1055845	20.804	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.798	276	1338401	19.426	ng/ul	95
95) Dibenzo(a,h)anthracene	26.809	278	1104791	19.522	ng/ul	98
96) Benzo(g,h,i)perylene	27.639	276	1103083	19.461	ng/ul	98

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

