

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080723\
 Data File : BP016509.D
 Acq On : 07 Aug 2023 09:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020676

Quant Time: Aug 07 19:14:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 04 15:15:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2023
 Supervised By :Sohil Jodhani 08/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	439302	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	1659616	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	867876	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.480	188	1689460	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1451364	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1621785	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	99607	8.223	ng/uL	0.00
4) Pyridine-d5	3.840	84	650083	20.655	ng/u1	0.00
7) Phenol-d5	7.199	99	705580	20.538	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	443828	20.971	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	577809	20.824	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	535569	20.217	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	250997	20.906	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	234265	20.916	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	487176	21.376	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	703065	20.925	ng/u1	0.00
46) Dimethylphthalate-d6	14.128	166	1232398	20.535	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	1544520	21.373	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	206951	18.314	ng/u1	0.00
60) Fluorene-d10	15.710	176	1069801	20.760	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	128734	17.307	ng/u1	0.00
73) Anthracene-d10	17.580	188	1562495	21.422	ng/u1	0.00
81) Pyrene-d10	19.810	212	1695583	21.307	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	1657471	21.343	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	107073	8.251	ng/uL	96
5) Pyridine	3.858	79	671301	20.769	ng/u1	97
6) Benzaldehyde	7.216	77	442706	24.554	ng/u1	99
8) Phenol	7.228	94	745884	20.767	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.499	93	619047	20.803	ng/u1	99
12) 2-Chlorophenol	7.616	128	598670	20.755	ng/u1	99
13) 2-Methylphenol	8.499	108	536079	20.286	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.581	45	748751m	21.012	ng/u1	
16) Acetophenone	8.916	105	860888	20.984	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.887	70	395907	20.494	ng/u1	99
18) 4-Methylphenol	8.834	108	571998	20.355	ng/u1	97
19) Hexachloroethane	9.146	117	248466	20.256	ng/u1	99
22) Nitrobenzene	9.304	77	630184	20.826	ng/u1	99
23) Isophorone	9.822	82	1093658	20.800	ng/u1	98
25) 2-Nitrophenol	10.010	139	275015	21.131	ng/u1	99
26) 2,4-Dimethylphenol	10.046	107	594356	21.199	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.310	93	743430	20.821	ng/u1	99
29) 2,4-Dichlorophenol	10.528	162	496599	21.270	ng/u1	96
30) Naphthalene	10.951	128	1795972	20.884	ng/u1	99
32) 4-Chloroaniline	11.075	127	695117	21.014	ng/u1	100
33) Hexachlorobutadiene	11.187	225	322921	20.639	ng/u1	99
34) Caprolactam	11.875	113	124378	17.834	ng/u1	97
35) 4-Chloro-3-methylphenol	12.163	107	482705	20.999	ng/u1	97
36) 2-Methylnaphthalene	12.551	142	1130081	20.771	ng/u1	100

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37) 1-Methylnaphthalene	12.769	142	1130749	20.846	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.892	216	574603	20.915	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	322517	19.945	ng/ul	99
41) 2,4,6-Trichlorophenol	13.145	196	335482	21.350	ng/ul	99
42) 2,4,5-Trichlorophenol	13.210	196	364418	21.361	ng/ul	98
43) 1,1'-Biphenyl	13.551	154	1408127	20.991	ng/ul	99
44) 2-Chloronaphthalene	13.598	162	1121098	21.004	ng/ul	99
45) 2-Nitroaniline	13.822	65	259406	20.661	ng/ul	99
47) Dimethylphthalate	14.175	163	1253051	20.621	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	216172	20.228	ng/ul	99
50) Acenaphthylene	14.445	152	1783557	21.244	ng/ul	99
51) 3-Nitroaniline	14.645	138	236156	20.090	ng/ul	96
52) Acenaphthene	14.781	153	1146994	20.785	ng/ul	99
53) 2,4-Dinitrophenol	14.839	184	68113	13.313	ng/ul	94
55) 4-Nitrophenol	14.922	109	161952	19.272	ng/ul	97
56) Dibenzofuran	15.116	168	1561387	20.866	ng/ul	98
57) 2,4-Dinitrotoluene	15.086	165	307104	20.376	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.328	232	274230	20.792	ng/ul	99
59) Diethylphthalate	15.528	149	1191759	20.439	ng/ul	100
61) Fluorene	15.763	166	1227105	20.746	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.757	204	601429	20.657	ng/ul	98
63) 4-Nitroaniline	15.810	138	215949	20.822	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.839	198	152617	18.263	ng/ul	95
67) N-Nitrosodiphenylamine	15.981	169	1008119	21.257	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	347266	20.950	ng/ul	99
69) Hexachlorobenzene	16.739	284	404044	20.791	ng/ul	94
70) Atrazine	16.928	200	331293	20.470	ng/ul	100
71) Pentachlorophenol	17.104	266	203097	17.964	ng/ul	99
72) Phenanthrene	17.528	178	1858032	21.091	ng/ul	98
74) Anthracene	17.616	178	1862015	21.031	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.504	216	586262	21.752	ng/ul	99
76) Pentachlorobenzene	15.010	250	485251	21.226	ng/ul	99
77) Carbazole	17.892	167	1653281	21.530	ng/ul	99
78) Di-n-butylphthalate	18.410	149	1825677	20.520	ng/ul	100
80) Fluoranthene	19.486	202	2017690	21.262	ng/ul	98
82) Pyrene	19.839	202	2111459	21.056	ng/ul	99
83) Butylbenzylphthalate	20.704	149	766737	20.817	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.498	252	639643	20.613	ng/ul	99
85) Benzo(a)anthracene	21.563	228	2049463	21.299	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1137946	21.585	ng/ul	99
87) Chrysene	21.616	228	1892903	20.873	ng/ul	100
89) Di-n-octyl phthalate	22.433	149	1933715	21.412	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	1990261	20.796	ng/ul	100
91) Benzo(k)fluoranthene	23.415	252	2039373	21.176	ng/ul	99
93) Benzo(a)pyrene	24.051	252	1923204	21.188	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.921	276	2372886	21.165	ng/ul	95
95) Dibenzo(a,h)anthracene	26.956	278	1963468	20.980	ng/ul	99
96) Benzo(g,h,i)perylene	27.786	276	1907557	21.064	ng/ul	100

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

