

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080723\
 Data File : BP016518.D
 Acq On : 07 Aug 2023 15:00
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020677

Quant Time: Aug 07 19:55:10 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	428262	20.000	ng/u1	0.00
20) Naphthalene-d8	10.899	136	1610145	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	840704	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.480	188	1653105	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1452571	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1615154	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	98450	8.337	ng/uL	0.00
4) Pyridine-d5	3.840	84	631320	20.576	ng/u1	0.00
7) Phenol-d5	7.199	99	688676	20.562	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	427838	20.736	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	563023	20.814	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	516664	20.006	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	248208	21.309	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	237717	21.876	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	473296	21.405	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	678888	20.827	ng/u1	0.00
46) Dimethylphthalate-d6	14.128	166	1208353	20.785	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	1492280	21.317	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	213352	19.491	ng/u1	0.00
60) Fluorene-d10	15.710	176	1045482	20.943	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	136005	18.686	ng/u1	0.00
73) Anthracene-d10	17.581	188	1528051	21.411	ng/u1	0.00
81) Pyrene-d10	19.810	212	1696908	21.306	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	1636290	21.157	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	102583	8.109	ng/uL	96
5) Pyridine	3.858	79	649976	20.627	ng/u1	96
6) Benzaldehyde	7.216	77	430957	24.519	ng/u1	98
8) Phenol	7.228	94	723896	20.675	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.493	93	598893	20.645	ng/u1	99
12) 2-Chlorophenol	7.616	128	583446	20.749	ng/u1	98
13) 2-Methylphenol	8.499	108	524629	20.365	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.581	45	715863m	20.607	ng/u1	
16) Acetophenone	8.916	105	828680	20.719	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.881	70	385430	20.466	ng/u1	99
18) 4-Methylphenol	8.834	108	551954	20.148	ng/u1	98
19) Hexachloroethane	9.146	117	246368	20.603	ng/u1	97
22) Nitrobenzene	9.304	77	619719	21.110	ng/u1	99
23) Isophorone	9.822	82	1064455	20.866	ng/u1	99
25) 2-Nitrophenol	10.010	139	274166	21.713	ng/u1	98
26) 2,4-Dimethylphenol	10.046	107	571553	21.012	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.310	93	716485	20.683	ng/u1	100
29) 2,4-Dichlorophenol	10.528	162	479346	21.162	ng/u1	98
30) Naphthalene	10.951	128	1737122	20.821	ng/u1	100
32) 4-Chloroaniline	11.075	127	669947	20.875	ng/u1	99
33) Hexachlorobutadiene	11.187	225	321844	21.202	ng/u1	97
34) Caprolactam	11.875	113	123212	18.210	ng/u1	94
35) 4-Chloro-3-methylphenol	12.163	107	464356	20.821	ng/u1	99
36) 2-Methylnaphthalene	12.545	142	1090325	20.656	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	1088897	20.691	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.893	216	561465	21.098	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	328217	20.954	ng/ul	100
41) 2,4,6-Trichlorophenol	13.145	196	332100	21.818	ng/ul	97
42) 2,4,5-Trichlorophenol	13.210	196	356814	21.592	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	1368350	21.057	ng/ul	99
44) 2-Chloronaphthalene	13.598	162	1085353	20.992	ng/ul	99
45) 2-Nitroaniline	13.822	65	257114	21.140	ng/ul	99
47) Dimethylphthalate	14.175	163	1216634	20.669	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	216829	20.946	ng/ul	99
50) Acenaphthylene	14.445	152	1726615	21.231	ng/ul	100
51) 3-Nitroaniline	14.645	138	234963	20.634	ng/ul	96
52) Acenaphthene	14.781	153	1114473	20.849	ng/ul	99
53) 2,4-Dinitrophenol	14.845	184	79547	16.051	ng/ul	98
55) 4-Nitrophenol	14.922	109	165934	20.384	ng/ul	98
56) Dibenzofuran	15.116	168	1503877	20.747	ng/ul	98
57) 2,4-Dinitrotoluene	15.087	165	309986	21.232	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.328	232	272182	21.304	ng/ul	99
59) Diethylphthalate	15.528	149	1179868	20.889	ng/ul	100
61) Fluorene	15.763	166	1195687	20.868	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.757	204	590243	20.928	ng/ul	97
63) 4-Nitroaniline	15.810	138	218647	21.764	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.839	198	159760	19.538	ng/ul	94
67) N-Nitrosodiphenylamine	15.981	169	989741	21.328	ng/ul	100
68) 4-Bromophenyl-phenylether	16.663	248	343066	21.152	ng/ul	100
69) Hexachlorobenzene	16.745	284	403377	21.214	ng/ul	99
70) Atrazine	16.928	200	330344	20.860	ng/ul	99
71) Pentachlorophenol	17.104	266	219012	19.798	ng/ul	99
72) Phenanthrene	17.522	178	1821978	21.136	ng/ul	99
74) Anthracene	17.616	178	1845725	21.305	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	570474	21.632	ng/ul	99
76) Pentachlorobenzene	15.010	250	478321	21.383	ng/ul	98
77) Carbazole	17.892	167	1628288	21.670	ng/ul	100
78) Di-n-butylphthalate	18.410	149	1841933	21.158	ng/ul	100
80) Fluoranthene	19.486	202	2014359	21.210	ng/ul	100
82) Pyrene	19.839	202	2113024	21.054	ng/ul	98
83) Butylbenzylphthalate	20.704	149	775912	21.049	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	638555	20.561	ng/ul	99
85) Benzo(a)anthracene	21.563	228	2054541	21.335	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	1108653	21.012	ng/ul	99
87) Chrysene	21.616	228	1906513	21.005	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	1867105	20.759	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	1969754	20.666	ng/ul	100
91) Benzo(k)fluoranthene	23.415	252	2041346	21.284	ng/ul	99
93) Benzo(a)pyrene	24.051	252	1922330	21.266	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.927	276	2351931	21.064	ng/ul	99
95) Dibenzo(a,h)anthracene	26.962	278	1964703	21.080	ng/ul	98
96) Benzo(g,h,i)perylene	27.786	276	1888964	20.944	ng/ul	99

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

