

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070622\
 Data File : BP010925.D
 Acq On : 06 Jul 2022 11:58
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020692

Quant Time: Jul 06 23:15:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 23:13:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/07/2022
 Supervised By :mohammad ahmed 07/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	448315	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	1776234	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	896965	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	1557224	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.239	240	1394121	20.000	ng/ul	# 0.00
88) Perylene-d12	23.598	264	1575967	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	98481	8.310	ng/uL	0.00
4) Pyridine-d5	3.611	84	625806	19.837	ng/ul	0.00
7) Phenol-d5	6.881	99	689343	19.424	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	461531	19.885	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	588337	19.982	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	539475	19.230	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	253516	22.420	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	229909	24.576	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	455546	19.708	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	711050	18.845	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	1147482	18.676	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1483744	18.921	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	170700	17.787	ng/ul	0.00
60) Fluorene-d10	15.357	176	1001966	19.003	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	104352	20.226	ng/ul	0.00
73) Anthracene-d10	17.222	188	1339481	19.333	ng/ul	0.00
81) Pyrene-d10	19.474	212	1387638	18.270	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.445	264	1505241	19.328	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	101860	8.059	ng/uL#	87
5) Pyridine	3.628	79	641648	20.078	ng/ul#	74
6) Benzaldehyde	6.852	77	411591	21.981	ng/ul	96
8) Phenol	6.910	94	750228	19.765	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.140	93	603005	19.780	ng/ul	91
12) 2-Chlorophenol	7.269	128	608085	20.007	ng/ul	92
13) 2-Methylphenol	8.152	108	538206	19.046	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.246	45	811057	19.829	ng/ul#	97
16) Acetophenone	8.528	105	843166	19.570	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.522	70	406859	18.675	ng/ul	89
18) 4-Methylphenol	8.481	108	571378	19.416	ng/ul	96
19) Hexachloroethane	8.775	117	237181	19.269	ng/ul#	80
22) Nitrobenzene	8.904	77	609543	21.601	ng/ul	91
23) Isophorone	9.434	82	1053269	17.799	ng/ul	99
25) 2-Nitrophenol	9.616	139	269896	23.824	ng/ul#	81
26) 2,4-Dimethylphenol	9.681	107	603933	19.512	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.922	93	723602	19.384	ng/ul	98
29) 2,4-Dichlorophenol	10.146	162	479451	19.962	ng/ul	99
30) Naphthalene	10.546	128	1812977	19.584	ng/ul	99
32) 4-Chloroaniline	10.669	127	709297	18.974	ng/ul	100
33) Hexachlorobutadiene	10.834	225	293952	19.156	ng/ul	96
34) Caprolactam	11.451	113	119878	15.888	ng/ul	89
35) 4-Chloro-3-methylphenol	11.798	107	483635	18.578	ng/ul	94
36) 2-Methylnaphthalene	12.169	142	1129292	18.838	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	1137283	19.096	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.534	216	518180	20.104	ng/ul#	98
40) Hexachlorocyclopentadiene	12.516	237	291961	17.876	ng/ul	94
41) 2,4,6-Trichlorophenol	12.787	196	300767	20.239	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	318570	19.977	ng/ul	99
43) 1,1'-Biphenyl	13.187	154	1413960m	20.024	ng/ul	
44) 2-Chloronaphthalene	13.228	162	1063534	19.994	ng/ul	98
45) 2-Nitroaniline	13.440	65	257647	22.829	ng/ul#	80
47) Dimethylphthalate	13.828	163	1153109	18.740	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	199901	21.682	ng/ul	94
50) Acenaphthylene	14.081	152	1669975	19.445	ng/ul	98
51) 3-Nitroaniline	14.275	138	219975	19.902	ng/ul	87
52) Acenaphthene	14.422	153	1094575	19.752	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	61775	17.453	ng/ul	88
55) 4-Nitrophenol	14.587	109	144008	18.871	ng/ul#	83
56) Dibenzofuran	14.757	168	1485718	19.573	ng/ul	97
57) 2,4-Dinitrotoluene	14.734	165	269424	21.870	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	14.986	232	219076	19.184	ng/ul#	88
59) Diethylphthalate	15.198	149	1092588	17.860	ng/ul	97
61) Fluorene	15.416	166	1145090	18.919	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.416	204	538306	18.999	ng/ul	99
63) 4-Nitroaniline	15.439	138	211914	20.736	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.492	198	112428	20.166	ng/ul#	94
67) N-Nitrosodiphenylamine	15.634	169	953260	20.211	ng/ul	99
68) 4-Bromophenyl-phenylether	16.316	248	294177	18.850	ng/ul	98
69) Hexachlorobenzene	16.416	284	338389	18.720	ng/ul	94
70) Atrazine	16.598	200	272616	17.433	ng/ul	98
71) Pentachlorophenol	16.769	266	146881	15.781	ng/ul	96
72) Phenanthrene	17.163	178	1657425	19.987	ng/ul	98
74) Anthracene	17.257	178	1646161	19.737	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	526709	20.497	ng/uL	97
76) Pentachlorobenzene	14.675	250	448943	20.371	ng/uL	99
77) Carbazole	17.533	167	1492325	19.877	ng/ul	100
78) Di-n-butylphthalate	18.104	149	1487303	16.625	ng/ul	99
80) Fluoranthene	19.145	202	1691106	18.104	ng/ul#	87
82) Pyrene	19.504	202	1744605	18.494	ng/ul#	86
83) Butylbenzylphthalate	20.398	149	571029	17.197	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.163	252	545216	18.939	ng/ul#	99
85) Benzo(a)anthracene	21.221	228	1684727	19.322	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.163	149	829925	15.783	ng/ul#	96
87) Chrysene	21.274	228	1663281	19.907	ng/ul	100
89) Di-n-octyl phthalate	22.080	149	1409442	15.067	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1843679	18.812	ng/ul#	96
91) Benzo(k)fluoranthene	22.927	252	1831997	19.666	ng/ul#	95
93) Benzo(a)pyrene	23.492	252	1880811	19.728	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.039	276	2272124	19.751	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.062	278	1954581	19.808	ng/ul#	93
96) Benzo(g,h,i)perylene	26.792	276	1940856	19.834	ng/ul#	88

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

