

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009974.D
 Acq On : 20 Apr 2022 13:47
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020763

Quant Time: Apr 21 01:05:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 20 01:32:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :Yogesh Patel 04/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	122074	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	553549	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	400794	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	902222	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.416	240	966095	20.000	ng/u1	# 0.00
88) Perylene-d12	23.868	264	948677	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	23457	8.576	ng/uL	0.00
4) Pyridine-d5	3.787	84	151791	20.127	ng/u1	0.00
7) Phenol-d5	7.105	99	226195	21.105	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	143132	22.433	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	175401	21.697	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	191473	21.402	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	91793	22.995	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	102400	23.398	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	197069	21.519	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	295730	22.673	ng/u1	0.00
46) Dimethylphthalate-d6	13.987	166	679316	21.577	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	811304	21.752	ng/u1	0.00
54) 4-Nitrophenol-d4	14.769	143	113923	19.953	ng/u1	0.00
60) Fluorene-d10	15.575	176	575457	21.728	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	104304	19.515	ng/u1	0.00
73) Anthracene-d10	17.433	188	943433	21.840	ng/u1	0.00
81) Pyrene-d10	19.663	212	1157778	21.943	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.710	264	1075793	21.776	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	23425	8.401	ng/uL#	24
5) Pyridine	3.811	79	164238	20.873	ng/u1#	46
6) Benzaldehyde	7.081	77	126681m	19.274	ng/u1	
8) Phenol	7.134	94	229621	21.404	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.363	93	185651	22.217	ng/u1#	76
12) 2-Chlorophenol	7.510	128	176574	21.665	ng/u1	94
13) 2-Methylphenol	8.387	108	178108	21.291	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	279260	22.608	ng/u1#	83
16) Acetophenone	8.769	105	311173	22.075	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.757	70	159133	21.775	ng/u1#	74
18) 4-Methylphenol	8.722	108	198499	21.912	ng/u1	98
19) Hexachloroethane	9.034	117	75672	21.991	ng/u1#	79
22) Nitrobenzene	9.152	77	233416	22.781	ng/u1#	84
23) Isophorone	9.675	82	446410	21.143	ng/u1	97
25) 2-Nitrophenol	9.863	139	107337	22.996	ng/u1#	87
26) 2,4-Dimethylphenol	9.922	107	235590	21.269	ng/u1#	79
27) Bis(2-Chloroethoxy)met...	10.163	93	269579	21.748	ng/u1#	98
29) 2,4-Dichlorophenol	10.398	162	193240	21.765	ng/u1#	83
30) Naphthalene	10.804	128	626348	22.001	ng/u1	97
32) 4-Chloroaniline	10.910	127	292821	22.686	ng/u1	95
33) Hexachlorobutadiene	11.104	225	138409	21.645	ng/u1	93
34) Caprolactam	11.675	113	49627m	16.902	ng/u1	
35) 4-Chloro-3-methylphenol	12.034	107	231194	21.491	ng/u1#	69
36) 2-Methylnaphthalene	12.410	142	451235	21.695	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	458663	21.841	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.781	216	266262	21.714	ng/ul#	92
40) Hexachlorocyclopentadiene	12.769	237	153957	18.093	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	164924	21.061	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.087	196	183272m	21.656	ng/ul	
43) 1,1'-Biphenyl	13.416	154	640959	21.918	ng/ul	95
44) 2-Chloronaphthalene	13.457	162	490999	21.843	ng/ul	93
45) 2-Nitroaniline	13.657	65	152681	23.177	ng/ul#	83
47) Dimethylphthalate	14.034	163	660325	21.792	ng/ul#	92
48) 2,6-Dinitrotoluene	14.151	165	130912	23.488	ng/ul	97
50) Acenaphthylene	14.304	152	806098	21.900	ng/ul	96
51) 3-Nitroaniline	14.475	138	86340	14.901	ng/ul#	86
52) Acenaphthene	14.645	153	522774	21.692	ng/ul	96
53) 2,4-Dinitrophenol	14.681	184	52105	15.466	ng/ul#	80
55) 4-Nitrophenol	14.781	109	104721	19.925	ng/ul#	50
56) Dibenzofuran	14.981	168	776067	21.880	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	198665	24.274	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.204	232	162639	21.078	ng/ul#	86
59) Diethylphthalate	15.398	149	667638	21.290	ng/ul#	93
61) Fluorene	15.628	166	644056	22.045	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.622	204	339563	21.859	ng/ul	96
63) 4-Nitroaniline	15.639	138	87596m	15.093	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	106824	20.107	ng/ul#	95
67) N-Nitrosodiphenylamine	15.834	169	562168	21.767	ng/ul	95
68) 4-Bromophenyl-phenylether	16.522	248	206858	21.181	ng/ul	94
69) Hexachlorobenzene	16.639	284	237858	21.181	ng/ul#	89
70) Atrazine	16.786	200	220593	20.693	ng/ul#	90
71) Pentachlorophenol	16.980	266	135806	17.866	ng/ul#	84
72) Phenanthrene	17.375	178	1062627	22.065	ng/ul	98
74) Anthracene	17.469	178	1067465	21.862	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	281766	21.601	ng/uL#	87
76) Pentachlorobenzene	14.904	250	275455	21.665	ng/uL	91
77) Carbazole	17.733	167	936490	21.224	ng/ul#	96
78) Di-n-butylphthalate	18.286	149	1174077	21.638	ng/ul#	92
80) Fluoranthene	19.339	202	1308731	21.549	ng/ul#	95
82) Pyrene	19.692	202	1353934	21.988	ng/ul#	93
83) Butylbenzylphthalate	20.557	149	544473	21.555	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.327	252	337434	16.391	ng/ul#	96
85) Benzo(a)anthracene	21.398	228	1329675	21.711	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.321	149	814969	21.449	ng/ul#	82
87) Chrysene	21.451	228	1295774	21.928	ng/ul	99
89) Di-n-octyl phthalate	22.263	149	1379042	20.748	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1342113	21.293	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	1281243	22.277	ng/ul#	98
93) Benzo(a)pyrene	23.762	252	1278844	21.888	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.439	276	1332117	21.804	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.456	278	1152635	21.757	ng/ul#	96
96) Benzo(g,h,i)perylene	27.227	276	1170221	23.230	ng/ul#	92

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

