

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010318.D
 Acq On : 12 May 2022 11:15
 Operator : CG/JU
 Sample : PB144712BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS712

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: May 13 00:00:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 01:10:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	130442	20.000	ng/ul	0.00
20) Naphthalene-d8	10.705	136	573198	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	404956	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.287	188	889912	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.369	240	908116	20.000	ng/ul	# 0.00
88) Perylene-d12	23.798	264	882906	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	18423m	6.000	ng/uL	0.00
4) Pyridine-d5	3.764	84	244121	28.570	ng/ul	0.00
7) Phenol-d5	7.069	99	346918	28.635	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	232976	31.085	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	275425	30.868	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	292539	29.370	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	143943	31.319	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	159508	30.439	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	297481	31.190	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	390021	27.699	ng/ul	0.00
46) Dimethylphthalate-d6	13.946	166	994475	30.825	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	1137007	29.560	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	178853m	28.902	ng/ul	0.00
60) Fluorene-d10	15.528	176	849365	31.189	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	179141	29.396	ng/ul	0.00
73) Anthracene-d10	17.387	188	1344613	30.854	ng/ul	0.00
81) Pyrene-d10	19.616	212	1643460	32.749	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	1527886	32.449	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	37066	11.810	ng/ul#	5
5) Pyridine	3.781	79	262356	29.295	ng/ul#	32
6) Benzaldehyde	7.040	77	231869	34.632	ng/ul	95
8) Phenol	7.093	94	375652	30.755	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.328	93	293614	30.719	ng/ul#	74
12) 2-Chlorophenol	7.469	128	286004	31.916	ng/ul	96
13) 2-Methylphenol	8.346	108	284125	30.647	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.440	45	482353	32.083	ng/ul#	84
16) Acetophenone	8.728	105	474890	30.502	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.716	70	258958	31.840	ng/ul#	69
18) 4-Methylphenol	8.675	108	315288	31.083	ng/ul	94
19) Hexachloroethane	8.987	117	122398	32.036	ng/ul#	80
22) Nitrobenzene	9.105	77	374024	32.059	ng/ul#	83
23) Isophorone	9.634	82	722487	31.620	ng/ul#	98
25) 2-Nitrophenol	9.816	139	173351	32.202	ng/ul#	86
26) 2,4-Dimethylphenol	9.881	107	338030	29.408	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.116	93	421157	31.408	ng/ul#	97
29) 2,4-Dichlorophenol	10.352	162	300700	32.275	ng/ul#	86
30) Naphthalene	10.758	128	969963	31.714	ng/ul	96
32) 4-Chloroaniline	10.863	127	392222	27.913	ng/ul	98
33) Hexachlorobutadiene	11.046	225	206807	32.412	ng/ul	95
34) Caprolactam	11.640	113	108278m	30.503	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	363110	32.388	ng/ul#	69
36) 2-Methylnaphthalene	12.363	142	691698	31.942	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.581	142	707660	32.147	ng/ul#	97	05/16/2022
39) 1,2,4,5-Tetrachloroben...	12.734	216	396460	31.847	ng/ul	94	Supervised By :Yogesh Patel
40) Hexachlorocyclopentadiene	12.716	237	205810	29.657	ng/ul	93	
41) 2,4,6-Trichlorophenol	12.969	196	262601	32.165	ng/ul#	85	
42) 2,4,5-Trichlorophenol	13.046	196	285625	32.101	ng/ul#	86	
43) 1,1'-Biphenyl	13.369	154	959565	31.720	ng/ul#	92	
44) 2-Chloronaphthalene	13.410	162	745605	31.821	ng/ul	95	05/17/2022
45) 2-Nitroaniline	13.616	65	263070	33.165	ng/ul#	79	
47) Dimethylphthalate	13.993	163	995335	31.798	ng/ul#	92	
48) 2,6-Dinitrotoluene	14.110	165	212585	33.285	ng/ul	98	
50) Acenaphthylene	14.257	152	1228371	31.923	ng/ul	95	
51) 3-Nitroaniline	14.440	138	200595	35.898	ng/ul#	84	
52) Acenaphthene	14.599	153	794669	31.903	ng/ul	97	
53) 2,4-Dinitrophenol	14.646	184	116811	27.950	ng/ul#	75	
55) 4-Nitrophenol	14.746	109	165507	31.536	ng/ul#	49	
56) Dibenzofuran	14.934	168	1169473	32.086	ng/ul	98	
57) 2,4-Dinitrotoluene	14.898	165	304545	32.591	ng/ul#	77	
58) 2,3,4,6-Tetrachlorophenol	15.163	232	254241	32.193	ng/ul#	86	
59) Diethylphthalate	15.357	149	1034164	32.005	ng/ul#	92	
61) Fluorene	15.587	166	970859	32.159	ng/ul	91	
62) 4-Chlorophenyl-phenyle...	15.575	204	501561	32.137	ng/ul	96	
63) 4-Nitroaniline	15.604	138	218161m	39.509	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.663	198	180893	30.470	ng/ul#	86	
67) N-Nitrosodiphenylamine	15.793	169	843029	32.226	ng/ul	94	
68) 4-Bromophenyl-phenylether	16.475	248	308616	32.830	ng/ul	94	
69) Hexachlorobenzene	16.598	284	350778	32.264	ng/ul#	91	
70) Atrazine	16.745	200	304381	28.801	ng/ul	90	
71) Pentachlorophenol	16.940	266	217031	30.074	ng/ul#	83	
72) Phenanthrene	17.328	178	1596751	32.543	ng/ul	98	
74) Anthracene	17.422	178	1603593	32.224	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.340	216	420563	32.299	ng/uL#	88	
76) Pentachlorobenzene	14.857	250	395559	31.774	ng/uL	91	
77) Carbazole	17.692	167	1415834	31.533	ng/ul#	95	
78) Di-n-butylphthalate	18.239	149	1796016	31.650	ng/ul#	93	
80) Fluoranthene	19.292	202	1938196	33.968	ng/ul	97	
82) Pyrene	19.645	202	2009340	34.022	ng/ul	96	
83) Butylbenzylphthalate	20.516	149	847125	33.680	ng/ul#	80	
84) 3,3'-Dichlorobenzidine	21.281	252	652220	33.603	ng/ul#	96	
85) Benzo(a)anthracene	21.351	228	1948180	32.816	ng/ul	95	
86) Bis(2-ethylhexyl)phtha...	21.275	149	1236280	32.578	ng/ul#	81	
87) Chrysene	21.404	228	1915501	32.556	ng/ul	99	
89) Di-n-octyl phthalate	22.210	149	2127041	35.788	ng/ul	100	
90) Benzo(b)fluoranthene	23.057	252	1971152	33.993	ng/ul	100	
91) Benzo(k)fluoranthene	23.104	252	1892448	34.589	ng/ul#	98	
93) Benzo(a)pyrene	23.692	252	1885583	33.568	ng/ul#	98	
94) Indeno(1,2,3-cd)pyrene	26.333	276	1860960	29.972	ng/ul#	94	
95) Dibenzo(a,h)anthracene	26.351	278	1610120	30.331	ng/ul#	93	
96) Benzo(g,h,i)perylene	27.115	276	1519955	28.985	ng/ul#	92	

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

