

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010291.D
 Acq On : 11 May 2022 16:31
 Operator : CG/JU
 Sample : PB144607BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS607

Quant Time: May 12 01:14:17 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

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	138222	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	627549	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	438729	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	964700	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.375	240	959668	20.000	ng/u1	# 0.00
88) Perylene-d12	23.804	264	936213	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	20486m	6.296	ng/uL	0.00
4) Pyridine-d5	3.764	84	280734	31.006	ng/u1	0.00
7) Phenol-d5	7.069	99	391258	30.477	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	254929m	32.100	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	307721	32.547	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	337949	32.019	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	164789	32.750	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	179207	31.237	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	330968	31.695	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	429507	27.862	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	1107651	31.691	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	1268197	30.433	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	201054	29.989	ng/u1	0.00
60) Fluorene-d10	15.534	176	943428	31.977	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	204597	30.971	ng/u1	0.00
73) Anthracene-d10	17.392	188	1463838	30.986	ng/u1	0.00
81) Pyrene-d10	19.622	212	1778954	33.545	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.651	264	1667579	33.399	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	41569	12.499	ng/uL#	22
5) Pyridine	3.781	79	290575	30.619	ng/u1#	33
6) Benzaldehyde	7.046	77	260305	36.691	ng/u1	96
8) Phenol	7.099	94	412984	31.908	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.328	93	319236	31.520	ng/u1#	76
12) 2-Chlorophenol	7.469	128	314758	33.148	ng/u1	97
13) 2-Methylphenol	8.352	108	313030	31.864	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.440	45	523072	32.833	ng/u1#	83
16) Acetophenone	8.728	105	517508	31.369	ng/u1#	76
17) N-Nitroso-di-n-propyla...	8.716	70	283075	32.846	ng/u1#	72
18) 4-Methylphenol	8.681	108	345571	32.151	ng/u1	93
19) Hexachloroethane	8.987	117	132832	32.810	ng/u1#	80
22) Nitrobenzene	9.111	77	407030	31.867	ng/u1#	84
23) Isophorone	9.640	82	792843	31.694	ng/u1#	97
25) 2-Nitrophenol	9.822	139	188714	32.020	ng/u1#	87
26) 2,4-Dimethylphenol	9.881	107	386896	30.744	ng/u1#	78
27) Bis(2-Chloroethoxy)met...	10.116	93	466470	31.774	ng/u1#	97
29) 2,4-Dichlorophenol	10.358	162	332819	32.628	ng/u1#	85
30) Naphthalene	10.758	128	1051097	31.391	ng/u1	97
32) 4-Chloroaniline	10.869	127	416266	27.058	ng/u1	97
33) Hexachlorobutadiene	11.052	225	219369	31.403	ng/u1	95
34) Caprolactam	11.646	113	125858m	32.384	ng/u1	
35) 4-Chloro-3-methylphenol	11.993	107	402125m	32.762	ng/u1	
36) 2-Methylnaphthalene	12.369	142	752382	31.735	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.587	142	767098	31.829	ng/ul#	95	05/12/2022
39) 1,2,4,5-Tetrachloroben...	12.740	216	426917	31.654	ng/ul	94	Supervised By :Yogesh Patel
40) Hexachlorocyclopentadiene	12.716	237	226868	30.175	ng/ul	95	
41) 2,4,6-Trichlorophenol	12.975	196	286583	32.400	ng/ul#	84	
42) 2,4,5-Trichlorophenol	13.046	196	318539	33.044	ng/ul#	89	
43) 1,1'-Biphenyl	13.375	154	1050346	32.048	ng/ul#	93	
44) 2-Chloronaphthalene	13.416	162	813254	32.037	ng/ul	92	05/17/2022
45) 2-Nitroaniline	13.616	65	284608	33.118	ng/ul#	79	
47) Dimethylphthalate	13.993	163	1077855	31.784	ng/ul#	93	
48) 2,6-Dinitrotoluene	14.110	165	230640	33.332	ng/ul	98	
50) Acenaphthylene	14.257	152	1332261	31.958	ng/ul	95	
51) 3-Nitroaniline	14.440	138	217317	35.897	ng/ul#	82	
52) Acenaphthene	14.604	153	859897	31.864	ng/ul	98	
53) 2,4-Dinitrophenol	14.651	184	132850	29.341	ng/ul#	78	
55) 4-Nitrophenol	14.751	109	175355	30.840	ng/ul#	47	
56) Dibenzofuran	14.940	168	1258620	31.873	ng/ul	99	
57) 2,4-Dinitrotoluene	14.898	165	330382	32.635	ng/ul#	77	
58) 2,3,4,6-Tetrachlorophenol	15.163	232	276161	32.276	ng/ul#	86	
59) Diethylphthalate	15.363	149	1105707	31.585	ng/ul	94	
61) Fluorene	15.587	166	1038819	31.761	ng/ul	90	
62) 4-Chlorophenyl-phenyle...	15.581	204	532541	31.496	ng/ul	96	
63) 4-Nitroaniline	15.604	138	237715m	39.737	ng/ul		
66) 4,6-Dinitro-2-methylph...	15.669	198	199233	30.957	ng/ul#	91	
67) N-Nitrosodiphenylamine	15.793	169	911295	32.135	ng/ul	95	
68) 4-Bromophenyl-phenylether	16.475	248	329592	32.344	ng/ul	95	
69) Hexachlorobenzene	16.598	284	380411	32.277	ng/ul#	90	
70) Atrazine	16.751	200	369571	32.258	ng/ul	90	
71) Pentachlorophenol	16.940	266	243852m	31.171	ng/ul		
72) Phenanthrene	17.334	178	1698965	31.942	ng/ul	99	
74) Anthracene	17.428	178	1702482	31.559	ng/ul	98	
75) 1,2,3,4-Tetrachloroben...	13.340	216	442800	31.371	ng/uL#	87	
76) Pentachlorobenzene	14.863	250	431065	31.941	ng/uL	90	
77) Carbazole	17.692	167	1528290	31.399	ng/ul#	96	
78) Di-n-butylphthalate	18.245	149	1925333	31.299	ng/ul#	93	
80) Fluoranthene	19.298	202	2063503	34.222	ng/ul	97	
82) Pyrene	19.651	202	2118194	33.939	ng/ul	96	
83) Butylbenzylphthalate	20.516	149	901322	33.910	ng/ul#	82	
84) 3,3'-Dichlorobenzidine	21.286	252	687351	33.511	ng/ul#	97	
85) Benzo(a)anthracene	21.357	228	2026827	32.307	ng/ul	95	
86) Bis(2-ethylhexyl)phtha...	21.281	149	1322947	32.989	ng/ul#	82	
87) Chrysene	21.410	228	1993502	32.062	ng/ul	99	
89) Di-n-octyl phthalate	22.210	149	2235029	35.464	ng/ul	100	
90) Benzo(b)fluoranthene	23.063	252	2079525	33.820	ng/ul	99	
91) Benzo(k)fluoranthene	23.110	252	1978323	34.100	ng/ul#	97	
93) Benzo(a)pyrene	23.698	252	1999133	33.563	ng/ul	98	
94) Indeno(1,2,3-cd)pyrene	26.345	276	2078470	31.569	ng/ul#	94	
95) Dibenzo(a,h)anthracene	26.363	278	1796741	31.920	ng/ul#	96	
96) Benzo(g,h,i)perylene	27.127	276	1739169	31.277	ng/ul#	93	

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

