

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
 Data File : BP010221.D
 Acq On : 03 May 2022 23:27
 Operator : CG/JU
 Sample : PB144558BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS558

Quant Time: May 04 01:26:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 00:58:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	167668	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	723288	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	452436	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	834953	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.386	240	683216	20.000	ng/u1	# 0.00
88) Perylene-d12	23.821	264	669175	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	20734m	5.392	ng/uL	0.00
4) Pyridine-d5	3.769	84	297230	27.479	ng/u1	0.00
7) Phenol-d5	7.081	99	409149	26.828	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	278665	30.451	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	330440	29.256	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	343939	27.219	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	170020	29.555	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	186979	29.761	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	336358	27.501	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	401689	22.905	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1013408	28.795	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	1191744	27.979	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	143625m	22.167	ng/u1	0.00
60) Fluorene-d10	15.545	176	844575	27.897	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	146452	27.740	ng/u1	0.00
73) Anthracene-d10	17.404	188	1177738	29.156	ng/u1	0.00
81) Pyrene-d10	19.633	212	1229920	31.654	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	1066992	30.414	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	43924	10.993	ng/uL#	13
5) Pyridine	3.793	79	310565	27.621	ng/u1#	44
6) Benzaldehyde	7.052	77	280762	34.449	ng/u1	96
8) Phenol	7.110	94	436285	28.471	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.340	93	355645	30.124	ng/u1#	74
12) 2-Chlorophenol	7.481	128	342955	30.103	ng/u1	95
13) 2-Methylphenol	8.363	108	330497	28.122	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.446	45	553299	31.584	ng/u1#	84
16) Acetophenone	8.740	105	540359	27.409	ng/u1#	79
17) N-Nitroso-di-n-propyla...	8.734	70	295612	28.620	ng/u1#	73
18) 4-Methylphenol	8.693	108	356993	27.589	ng/u1	94
19) Hexachloroethane	9.005	117	146603	30.624	ng/u1	83
22) Nitrobenzene	9.122	77	427790	30.352	ng/u1#	86
23) Isophorone	9.652	82	798181	28.672	ng/u1#	97
25) 2-Nitrophenol	9.834	139	201365	30.262	ng/u1#	84
26) 2,4-Dimethylphenol	9.899	107	419799	29.140	ng/u1#	78
27) Bis(2-Chloroethoxy)met...	10.134	93	489704	30.012	ng/u1#	97
29) 2,4-Dichlorophenol	10.369	162	342917	29.167	ng/u1#	84
30) Naphthalene	10.769	128	1130200	29.855	ng/u1	96
32) 4-Chloroaniline	10.881	127	398248	23.045	ng/u1	97
33) Hexachlorobutadiene	11.063	225	249746	29.972	ng/u1	97
34) Caprolactam	11.657	113	100443	23.750	ng/u1#	1
35) 4-Chloro-3-methylphenol	12.004	107	381805	26.882	ng/u1#	70
36) 2-Methylnaphthalene	12.381	142	777940	28.335	ng/u1	92

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37) 1-Methylnaphthalene	12.598	142	796302	28.565	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.751	216	446562	31.947	ng/ul	93
40) Hexachlorocyclopentadiene	12.734	237	244959	31.096	ng/ul	96
41) 2,4,6-Trichlorophenol	12.987	196	277067	30.635	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.057	196	297027	30.185	ng/ul#	88
43) 1,1'-Biphenyl	13.387	154	1059059	31.737	ng/ul#	93
44) 2-Chloronaphthalene	13.428	162	809339	31.341	ng/ul	94
45) 2-Nitroaniline	13.628	65	248500	29.676	ng/ul#	80
47) Dimethylphthalate	14.004	163	1004957	29.381	ng/ul#	92
48) 2,6-Dinitrotoluene	14.122	165	206360	29.398	ng/ul	96
50) Acenaphthylene	14.275	152	1274781	30.214	ng/ul	95
51) 3-Nitroaniline	14.451	138	167195	26.294	ng/ul#	86
52) Acenaphthene	14.616	153	824486	30.052	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	92570	23.600	ng/ul#	82
55) 4-Nitrophenol	14.757	109	127988	22.737	ng/ul#	45
56) Dibenzofuran	14.951	168	1178599	29.012	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	275130	26.830	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.175	232	238930	27.316	ng/ul#	86
59) Diethylphthalate	15.369	149	1001347	28.782	ng/ul	94
61) Fluorene	15.598	166	943259	28.280	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.592	204	508204	28.951	ng/ul	97
63) 4-Nitroaniline	15.616	138	178541m	28.856	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.675	198	142450	27.966	ng/ul#	86
67) N-Nitrosodiphenylamine	15.804	169	801689	33.464	ng/ul	94
68) 4-Bromophenyl-phenylether	16.486	248	295364	33.164	ng/ul	96
69) Hexachlorobenzene	16.610	284	326494	31.584	ng/ul#	89
70) Atrazine	16.763	200	294030	30.189	ng/ul#	89
71) Pentachlorophenol	16.957	266	180424	27.406	ng/ul#	84
72) Phenanthrene	17.345	178	1369390	30.175	ng/ul	99
74) Anthracene	17.439	178	1379353	30.176	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	451781	37.063	ng/uL	89
76) Pentachlorobenzene	14.875	250	414871	34.708	ng/uL	92
77) Carbazole	17.704	167	1117481	27.627	ng/ul#	96
78) Di-n-butylphthalate	18.257	149	1495550	30.053	ng/ul#	92
80) Fluoranthene	19.310	202	1468481	33.507	ng/ul	97
82) Pyrene	19.663	202	1471851	32.598	ng/ul#	94
83) Butylbenzylphthalate	20.527	149	580066	31.079	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.298	252	389529	31.686	ng/ul#	93
85) Benzo(a)anthracene	21.369	228	1335998	30.813	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.292	149	835139	30.191	ng/ul#	82
87) Chrysene	21.422	228	1343554	31.470	ng/ul	100
89) Di-n-octyl phthalate	22.227	149	1380779	26.542	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1354816	30.116	ng/ul	100
91) Benzo(k)fluoranthene	23.127	252	1314842	30.855	ng/ul#	96
93) Benzo(a)pyrene	23.721	252	1314931	31.608	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.374	276	1485355	35.892	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.392	278	1263622	35.684	ng/ul#	94
96) Benzo(g,h,i)perylene	27.156	276	1270281	36.377	ng/ul#	90

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

