

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053123\
 Data File : BP015376.D
 Acq On : 01 Jun 2023 00:59
 Operator : CG/JU
 Sample : PB153144BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS144

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023

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 ahmed
 06/01/2023

Quant Time: Jun 01 01:49:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 31 14:24:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	162527	20.000	ng/u1	0.00
20) Naphthalene-d8	10.934	136	732850	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.745	164	479331	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	1096404	20.000	ng/u1	-0.01
79) Chrysene-d12	21.580	240	1014004	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1086687	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	29901	7.148	ng/uL	0.00
4) Pyridine-d5	3.852	84	376255	31.732	ng/u1	0.00
7) Phenol-d5	7.258	99	549133	36.390	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	332268	38.124	ng/u1	0.00
11) 2-Chlorophenol-d4	7.628	132	434725	39.181	ng/u1	0.00
15) 4-Methylphenol-d8	8.822	113	468745	38.983	ng/u1	0.00
21) Nitrobenzene-d5	9.281	128	227926	39.579	ng/u1	0.00
24) 2-Nitrophenol-d4	10.010	143	264245	41.239	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	462493	40.000	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	594504	34.751	ng/u1	0.00
46) Dimethylphthalate-d6	14.151	166	1454960	40.169	ng/u1	0.00
49) Acenaphthylene-d8	14.440	160	1640703	39.606	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	277602	39.469	ng/u1	0.00
60) Fluorene-d10	15.739	176	1203706	39.384	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	278712	40.337	ng/u1	0.00
73) Anthracene-d10	17.604	188	1890861	37.663	ng/u1	0.00
81) Pyrene-d10	19.822	212	2250246	38.263	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	2183899	40.484	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	57925	12.887	ng/uL#	93
5) Pyridine	3.875	79	375069	30.415	ng/u1	92
6) Benzaldehyde	7.234	77	310861	74.948	ng/u1	98
8) Phenol	7.287	94	541357	34.985	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.516	93	418905	33.837	ng/u1	95
12) 2-Chlorophenol	7.663	128	413153	35.205	ng/u1	97
13) 2-Methylphenol	8.552	108	420353	35.148	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.640	45	547951	35.327	ng/u1	99
16) Acetophenone	8.940	105	675080	35.972	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.922	70	353970	35.964	ng/u1	93
18) 4-Methylphenol	8.887	108	457984	34.793	ng/u1	98
19) Hexachloroethane	9.193	117	172005	35.895	ng/u1	91
22) Nitrobenzene	9.322	77	541083	38.044	ng/u1	96
23) Isophorone	9.857	82	1040752	35.600	ng/u1#	99
25) 2-Nitrophenol	10.040	139	259193	36.888	ng/u1#	86
26) 2,4-Dimethylphenol	10.099	107	520915	37.151	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.334	93	607833	34.172	ng/u1	97
29) 2,4-Dichlorophenol	10.581	162	431912	36.981	ng/u1	98
30) Naphthalene	10.981	128	1369391	34.370	ng/u1	100
32) 4-Chloroaniline	11.099	127	503095	28.613	ng/u1	100
33) Hexachlorobutadiene	11.257	225	279968	39.773	ng/u1	99
34) Caprolactam	11.881	113	151437m	34.392	ng/u1	
35) 4-Chloro-3-methylphenol	12.210	107	507685	38.497	ng/u1	96
36) 2-Methylnaphthalene	12.581	142	942674	35.115	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.798	142	951175	35.283	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.945	216	539969	37.666	ng/ul	97
40) Hexachlorocyclopentadiene	12.922	237	291035	31.333	ng/ul	98
41) 2,4,6-Trichlorophenol	13.187	196	371207	36.670	ng/ul	96
42) 2,4,5-Trichlorophenol	13.263	196	411615	37.502	ng/ul	99
43) 1,1'-Biphenyl	13.581	154	1304365	35.073	ng/ul	99
44) 2-Chloronaphthalene	13.628	162	1034238	35.610	ng/ul	98
45) 2-Nitroaniline	13.834	65	354315	42.637	ng/ul	89
47) Dimethylphthalate	14.198	163	1361939	36.105	ng/ul	99
48) 2,6-Dinitrotoluene	14.328	165	299005	40.010	ng/ul	96
50) Acenaphthylene	14.469	152	1620039	35.049	ng/ul	99
51) 3-Nitroaniline	14.657	138	293311	43.587	ng/ul	96
52) Acenaphthene	14.810	153	1112723	35.247	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	191097	38.512	ng/ul	88
55) 4-Nitrophenol	14.963	109	242746	46.925	ng/ul#	76
56) Dibenzofuran	15.145	168	1565489	35.652	ng/ul	96
57) 2,4-Dinitrotoluene	15.116	165	426997	39.485	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.369	232	356452	38.481	ng/ul	99
59) Diethylphthalate	15.557	149	1396090	37.107	ng/ul	99
61) Fluorene	15.798	166	1263708	35.812	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.781	204	638704	37.044	ng/ul	93
63) 4-Nitroaniline	15.822	138	311558m	53.613	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.881	198	260772	36.568	ng/ul#	99
67) N-Nitrosodiphenylamine	15.998	169	1096900	34.024	ng/ul	100
68) 4-Bromophenyl-phenylether	16.681	248	422238	37.389	ng/ul	98
69) Hexachlorobenzene	16.804	284	493036	36.944	ng/ul	99
70) Atrazine	16.951	200	327386	27.474	ng/ul	100
71) Pentachlorophenol	17.145	266	313534	37.558	ng/ul	100
72) Phenanthrene	17.545	178	2076406	34.779	ng/ul	100
74) Anthracene	17.639	178	2071718	34.315	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.551	216	554914	35.697	ng/ul	99
76) Pentachlorobenzene	15.063	250	544448	34.881	ng/ul	99
77) Carbazole	17.904	167	1893186	35.761	ng/ul	99
78) Di-n-butylphthalate	18.428	149	2423139	35.543	ng/ul#	99
80) Fluoranthene	19.498	202	2515082	35.087	ng/ul	96
82) Pyrene	19.851	202	2570576	34.727	ng/ul	94
83) Butylbenzylphthalate	20.704	149	1166656	35.552	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	946853	42.517	ng/ul	99
85) Benzo(a)anthracene	21.563	228	2534306	36.146	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1715061	36.302	ng/ul	99
87) Chrysene	21.622	228	2360838	35.224	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2956368	39.723	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	2641433	38.343	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	2411210	36.451	ng/ul	99
93) Benzo(a)pyrene	24.021	252	2167843	35.602	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.839	276	2604791	33.038	ng/ul	97
95) Dibenzo(a,h)anthracene	26.851	278	2168319	33.502	ng/ul	97
96) Benzo(g,h,i)perylene	27.674	276	2094863	32.583	ng/ul	98

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

