

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016323.D
 Acq On : 19 Jul 2023 14:13
 Operator : MA/JU
 Sample : PB154087BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS087

Quant Time: Jul 20 03:56:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 14:47:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :mohammad ahmed 07/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	95284	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	458826	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	316917	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	764387	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	827475	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	1009520	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	16304	6.055	ng/uL	0.00
4) Pyridine-d5	3.723	84	202199	30.109	ng/u1	0.00
7) Phenol-d5	7.128	99	325043	37.767	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	195827	33.649	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	229666	36.966	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	253640	36.584	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	117373	37.080	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	140232	38.870	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	261320	41.828	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.928	131	335195	33.473	ng/u1	-0.01
46) Dimethylphthalate-d6	14.010	166	893869	36.975	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	959103	36.202	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	184516m	37.399	ng/u1	-0.05
60) Fluorene-d10	15.592	176	741827	36.666	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	144885	32.834	ng/u1	-0.01
73) Anthracene-d10	17.463	188	1221800	36.542	ng/u1	0.00
81) Pyrene-d10	19.698	212	1569847	36.561	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	1834795	37.846	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	41743	14.133	ng/uL#	91
5) Pyridine	3.740	79	231654	33.678	ng/u1	98
6) Benzaldehyde	7.099	77	231091	43.002	ng/u1	95
8) Phenol	7.152	94	370713	40.182	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.363	93	278938	37.177	ng/u1	97
12) 2-Chlorophenol	7.505	128	268164	41.601	ng/u1	98
13) 2-Methylphenol	8.405	108	281577	40.550	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.475	45	447996m	36.791	ng/u1	
16) Acetophenone	8.787	105	483952	42.331	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.758	70	268734	43.844	ng/u1	99
18) 4-Methylphenol	8.752	108	310831	40.934	ng/u1	97
19) Hexachloroethane	9.005	117	114579	38.989	ng/u1	99
22) Nitrobenzene	9.175	77	392980	42.729	ng/u1	98
23) Isophorone	9.693	82	775520	42.540	ng/u1	99
25) 2-Nitrophenol	9.887	139	168432	43.452	ng/u1	91
26) 2,4-Dimethylphenol	9.946	107	315200	36.977	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.175	93	430069	40.515	ng/u1	98
29) 2,4-Dichlorophenol	10.440	162	279814	43.557	ng/u1	99
30) Naphthalene	10.804	128	938111	38.960	ng/u1	99
32) 4-Chloroaniline	10.952	127	377124	37.865	ng/u1	99
33) Hexachlorobutadiene	11.063	225	182092	41.734	ng/u1	100
34) Caprolactam	11.763	113	111773	48.061	ng/u1	90
35) 4-Chloro-3-methylphenol	12.093	107	363120	45.805	ng/u1	94
36) 2-Methylnaphthalene	12.422	142	651344	40.345	ng/u1	97

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37) 1-Methylnaphthalene	12.640	142	660728	39.794	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.793	216	360405	39.929	ng/ul	100
40) Hexachlorocyclopentadiene	12.740	237	75521	21.313	ng/ul	91
41) 2,4,6-Trichlorophenol	13.051	196	250095	43.856	ng/ul	97
42) 2,4,5-Trichlorophenol	13.146	196	269283	44.416	ng/ul	98
43) 1,1'-Biphenyl	13.428	154	914312	39.550	ng/ul	98
44) 2-Chloronaphthalene	13.475	162	725575	39.948	ng/ul	97
45) 2-Nitroaniline	13.716	65	285977	48.314	ng/ul	90
47) Dimethylphthalate	14.057	163	1017294	41.664	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	215691	46.858	ng/ul	97
50) Acenaphthylene	14.316	152	1171787	38.509	ng/ul	99
51) 3-Nitroaniline	14.557	138	210664	45.068	ng/ul	94
52) Acenaphthene	14.657	153	807786	39.251	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	94560	29.350	ng/ul	87
55) 4-Nitrophenol	14.892	109	170593	45.436	ng/ul	88
56) Dibenzofuran	14.998	168	1148189	40.960	ng/ul	96
57) 2,4-Dinitrotoluene	15.016	165	319896	47.110	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.240	232	257767	46.848	ng/ul	97
59) Diethylphthalate	15.416	149	1080474	42.553	ng/ul	100
61) Fluorene	15.651	166	960118	40.999	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.634	204	471440	41.625	ng/ul	96
63) 4-Nitroaniline	15.734	138	205661	47.906	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.787	198	160467	34.793	ng/ul	100
67) N-Nitrosodiphenylamine	15.863	169	832165	41.072	ng/ul	98
68) 4-Bromophenyl-phenylether	16.534	248	307116	42.278	ng/ul	97
69) Hexachlorobenzene	16.657	284	366956	41.947	ng/ul	99
70) Atrazine	16.822	200	303628	37.792	ng/ul	98
71) Pentachlorophenol	17.028	266	201180	45.860	ng/ul	99
72) Phenanthrene	17.404	178	1628107	40.879	ng/ul	99
74) Anthracene	17.498	178	1619411	40.465	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	365101	36.383	ng/uL	99
76) Pentachlorobenzene	14.916	250	386182	40.770	ng/uL	99
77) Carbazole	17.792	167	1545547	42.357	ng/ul	99
78) Di-n-butylphthalate	18.298	149	2038683	44.601	ng/ul	100
80) Fluoranthene	19.375	202	2075854	41.344	ng/ul	96
82) Pyrene	19.733	202	2188631	40.827	ng/ul	94
83) Butylbenzylphthalate	20.580	149	1046474	45.264	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.375	252	727897	37.648	ng/ul	98
85) Benzo(a)anthracene	21.439	228	2262475	41.988	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.322	149	1584262	45.871	ng/ul	99
87) Chrysene	21.498	228	2182668	39.985	ng/ul	99
89) Di-n-octyl phthalate	22.263	149	2808165	44.409	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	2523490	43.761	ng/ul	97
91) Benzo(k)fluoranthene	23.227	252	2437158	41.531	ng/ul	98
93) Benzo(a)pyrene	23.833	252	2198524	38.486	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.568	276	2765466	39.095	ng/ul	96
95) Dibenzo(a,h)anthracene	26.568	278	2342830	40.604	ng/ul	96
96) Benzo(g,h,i)perylene	27.386	276	2203741	39.030	ng/ul	95

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

