

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
 Data File : BP014059.D
 Acq On : 11 Mar 2023 08:38
 Operator : CG/JU
 Sample : PB151312BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS312

Quant Time: Mar 13 00:50:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 10 22:47:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	159812	20.000	ng/u1	0.00
20) Naphthalene-d8	10.899	136	680113	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	488130	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1136711	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1160724	20.000	ng/u1	# 0.00
88) Perylene-d12	24.080	264	1152301	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	24435m	5.777	ng/uL	0.00
4) Pyridine-d5	3.864	84	300138	25.628	ng/u1	0.00
7) Phenol-d5	7.222	99	475975	33.750	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	282447	34.340	ng/u1	0.00
11) 2-Chlorophenol-d4	7.599	132	353122	32.864	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	381198	33.090	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	178220	32.842	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	207687	31.972	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	390056	31.913	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	368779	22.799	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1200375	28.976	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	1307039	29.784	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	217541	29.799	ng/u1	0.00
60) Fluorene-d10	15.704	176	1020567	29.069	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	246090	28.644	ng/u1	0.00
73) Anthracene-d10	17.569	188	1699318	30.795	ng/u1	0.00
81) Pyrene-d10	19.786	212	2083780	32.550	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.916	264	1947773	31.778	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	51231	11.220	ng/uL	92
5) Pyridine	3.881	79	328419	27.653	ng/u1	95
6) Benzaldehyde	7.205	77	219141	31.229	ng/u1	96
8) Phenol	7.252	94	481891	33.134	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.487	93	360847	32.385	ng/u1	97
12) 2-Chlorophenol	7.634	128	354224	32.721	ng/u1	96
13) 2-Methylphenol	8.516	108	352756	32.618	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.593	45	408338m	33.935	ng/u1	
16) Acetophenone	8.905	105	593729	31.904	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.893	70	315676	33.157	ng/u1	96
18) 4-Methylphenol	8.852	108	385238	32.386	ng/u1	99
19) Hexachloroethane	9.163	117	151637	31.982	ng/u1	98
22) Nitrobenzene	9.293	77	465781	32.087	ng/u1	100
23) Isophorone	9.822	82	875071	31.303	ng/u1	98
25) 2-Nitrophenol	10.005	139	212828	31.789	ng/u1	98
26) 2,4-Dimethylphenol	10.057	107	456301	31.138	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.299	93	515069	31.854	ng/u1	99
29) 2,4-Dichlorophenol	10.540	162	370307	30.714	ng/u1	97
30) Naphthalene	10.946	128	1121591	30.032	ng/u1	99
32) 4-Chloroaniline	11.057	127	374484	23.008	ng/u1	99
33) Hexachlorobutadiene	11.228	225	268995	28.037	ng/u1	98
34) Caprolactam	11.851	113	115374m	29.471	ng/u1	
35) 4-Chloro-3-methylphenol	12.175	107	433731	31.110	ng/u1	98
36) 2-Methylnaphthalene	12.546	142	767470	29.298	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	791699	30.069	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.910	216	486041	27.535	ng/ul	99
40) Hexachlorocyclopentadiene	12.887	237	302855	23.960	ng/ul	96
41) 2,4,6-Trichlorophenol	13.146	196	317881	28.668	ng/ul	96
42) 2,4,5-Trichlorophenol	13.222	196	349095	28.687	ng/ul	97
43) 1,1'-Biphenyl	13.546	154	1113681	29.634	ng/ul	99
44) 2-Chloronaphthalene	13.593	162	894790	29.979	ng/ul	98
45) 2-Nitroaniline	13.798	65	289365	32.779	ng/ul	92
47) Dimethylphthalate	14.163	163	1166434	28.446	ng/ul	99
48) 2,6-Dinitrotoluene	14.293	165	245622	30.298	ng/ul	99
50) Acenaphthylene	14.434	152	1361384	29.560	ng/ul	100
51) 3-Nitroaniline	14.622	138	222753	31.033	ng/ul	96
52) Acenaphthene	14.775	153	937337	29.113	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	162282	26.806	ng/ul	97
55) 4-Nitrophenol	14.922	109	225230	28.562	ng/ul	97
56) Dibenzofuran	15.110	168	1345944	28.736	ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	356611	29.442	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.334	232	331172	28.446	ng/ul	99
59) Diethylphthalate	15.522	149	1191176	28.641	ng/ul	99
61) Fluorene	15.763	166	1110590	28.604	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	596520	27.837	ng/ul	99
63) 4-Nitroaniline	15.787	138	249337	33.794	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.839	198	235847	28.774	ng/ul	95
67) N-Nitrosodiphenylamine	15.963	169	971571	30.263	ng/ul	98
68) 4-Bromophenyl-phenylether	16.645	248	398509	29.000	ng/ul	98
69) Hexachlorobenzene	16.769	284	463130	28.600	ng/ul	97
70) Atrazine	16.916	200	248706	17.961	ng/ul	97
71) Pentachlorophenol	17.110	266	295906	27.955	ng/ul	98
72) Phenanthrene	17.510	178	1886548	30.429	ng/ul	99
74) Anthracene	17.604	178	1885129	29.988	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.516	216	492034	28.205	ng/ul	99
76) Pentachlorobenzene	15.028	250	514576	28.396	ng/ul	99
77) Carbazole	17.869	167	1697209	30.608	ng/ul	99
78) Di-n-butylphthalate	18.398	149	2105406	30.382	ng/ul	100
80) Fluoranthene	19.463	202	2347426	32.171	ng/ul	98
82) Pyrene	19.816	202	2462672	32.353	ng/ul	98
83) Butylbenzylphthalate	20.669	149	1006006	32.777	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.451	252	749713	25.231	ng/ul	99
85) Benzo(a)anthracene	21.527	228	2537559	31.082	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	1492361	32.523	ng/ul	100
87) Chrysene	21.586	228	2392790	30.753	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	2632819	36.210	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2497056	32.521	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	2384213	32.564	ng/ul	99
93) Benzo(a)pyrene	23.968	252	2076774	31.096	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.751	276	2360574	26.700	ng/ul	99
95) Dibenzo(a,h)anthracene	26.768	278	1971830	26.835	ng/ul	99
96) Benzo(g,h,i)perylene	27.574	276	1847001	26.137	ng/ul	98

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

