

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
 Data File : BP013713.D
 Acq On : 02 Feb 2023 17:11
 Operator : CG/JU
 Sample : PB150547BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS547

Quant Time: Feb 02 17:36:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 00:55:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	258800	20.000	ng/u1	0.00
20) Naphthalene-d8	10.963	136	1137183	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.775	164	828322	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	2023135	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	2092038	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	2347450	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	40650	6.659	ng/uL	0.00
4) Pyridine-d5	3.911	84	617545	35.259	ng/u1	0.00
7) Phenol-d5	7.281	99	845703	37.181	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	479709	35.959	ng/u1	0.00
11) 2-Chlorophenol-d4	7.663	132	612810	36.753	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	677897	37.386	ng/u1	0.00
21) Nitrobenzene-d5	9.310	128	286328	39.470	ng/u1	0.00
24) 2-Nitrophenol-d4	10.040	143	342652	40.530	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	743313	37.598	ng/u1	0.00
31) 4-Chloroaniline-d4	11.098	131	880813	33.733	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	2315772	35.467	ng/u1	0.00
49) Acenaphthylene-d8	14.469	160	2597317	36.004	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	422898	38.426	ng/u1	0.00
60) Fluorene-d10	15.763	176	2052699	36.473	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	440182	38.825	ng/u1	0.00
73) Anthracene-d10	17.628	188	3336102	35.376	ng/u1	0.00
81) Pyrene-d10	19.845	212	4292828	36.791	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	4374010	36.500	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.516	88	82660	12.994	ng/uL	96
5) Pyridine	3.928	79	609057	34.535	ng/u1	99
6) Benzaldehyde	7.263	77	465966m	51.093	ng/u1	
8) Phenol	7.310	94	859791	36.937	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.546	93	670629	35.852	ng/u1	98
12) 2-Chlorophenol	7.693	128	623979	36.939	ng/u1	99
13) 2-Methylphenol	8.575	108	657545	36.997	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.669	45	800660	36.153	ng/u1	97
16) Acetophenone	8.969	105	1056356	37.370	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.951	70	535912	37.846	ng/u1	99
18) 4-Methylphenol	8.904	108	734760	38.066	ng/u1	99
19) Hexachloroethane	9.234	117	238319	36.043	ng/u1	96
22) Nitrobenzene	9.351	77	757426	38.657	ng/u1	97
23) Isophorone	9.887	82	1605869	35.799	ng/u1	99
25) 2-Nitrophenol	10.069	139	371412	39.705	ng/u1	98
26) 2,4-Dimethylphenol	10.122	107	760079	35.963	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.363	93	974366	35.841	ng/u1	98
29) 2,4-Dichlorophenol	10.604	162	722801	37.777	ng/u1	99
30) Naphthalene	11.016	128	2122829	35.320	ng/u1	99
32) 4-Chloroaniline	11.122	127	891346	33.919	ng/u1	99
33) Hexachlorobutadiene	11.298	225	483299	35.816	ng/u1	98
34) Caprolactam	11.904	113	233965m	36.166	ng/u1	
35) 4-Chloro-3-methylphenol	12.234	107	768981	37.524	ng/u1	99
36) 2-Methylnaphthalene	12.610	142	1532648	35.825	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	1576362	36.483	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.975	216	1001798	36.613	ng/u1	98
40) Hexachlorocyclopentadiene	12.951	237	537199	34.919	ng/u1	99
41) 2,4,6-Trichlorophenol	13.210	196	652964	36.025	ng/u1	98
42) 2,4,5-Trichlorophenol	13.281	196	715457	36.219	ng/u1	98
43) 1,1'-Biphenyl	13.610	154	2112425	33.683	ng/u1	99
44) 2-Chloronaphthalene	13.651	162	1682544	33.911	ng/u1	99
45) 2-Nitroaniline	13.857	65	419452	44.411	ng/u1	98
47) Dimethylphthalate	14.222	163	2289928	35.599	ng/u1	100
48) 2,6-Dinitrotoluene	14.345	165	420054	45.821	ng/u1	96
50) Acenaphthylene	14.498	152	2723637	35.805	ng/u1	99
51) 3-Nitroaniline	14.675	138	418297	43.169	ng/u1	96
52) Acenaphthene	14.839	153	1884149	36.043	ng/u1	99
53) 2,4-Dinitrophenol	14.875	184	269389	37.834	ng/u1	98
55) 4-Nitrophenol	14.975	109	315411	37.596	ng/u1	97
56) Dibenzofuran	15.169	168	2760933	36.360	ng/u1	98
57) 2,4-Dinitrotoluene	15.128	165	646006	44.866	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.392	232	708464	38.161	ng/u1	98
59) Diethylphthalate	15.586	149	2246299	36.375	ng/u1	99
61) Fluorene	15.822	166	2232650	36.130	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.810	204	1242806	36.915	ng/u1	98
63) 4-Nitroaniline	15.839	138	440039	48.501	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.892	198	437851	38.805	ng/u1	99
67) N-Nitrosodiphenylamine	16.022	169	1974170	36.152	ng/u1	99
68) 4-Bromophenyl-phenylether	16.710	248	820696	35.655	ng/u1	99
69) Hexachlorobenzene	16.828	284	981229	36.336	ng/u1	99
70) Atrazine	16.975	200	805843	36.666	ng/u1	100
71) Pentachlorophenol	17.169	266	626191	36.330	ng/u1	99
72) Phenanthrene	17.569	178	3862950	36.147	ng/u1	99
74) Anthracene	17.663	178	3852058	35.588	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.575	216	965904	33.512	ng/uL	98
76) Pentachlorobenzene	15.086	250	1057329	35.783	ng/uL	99
77) Carbazole	17.927	167	3446355	36.701	ng/u1	99
78) Di-n-butylphthalate	18.457	149	3936194	35.477	ng/u1	100
80) Fluoranthene	19.522	202	4969624	36.541	ng/u1	100
82) Pyrene	19.874	202	5093060	36.628	ng/u1	100
83) Butylbenzylphthalate	20.727	149	1640612	41.068	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.516	252	1746978	36.766	ng/u1	98
85) Benzo(a)anthracene	21.592	228	5232148	36.379	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.486	149	2530736	36.949	ng/u1	99
87) Chrysene	21.645	228	4743731	35.033	ng/u1	99
89) Di-n-octyl phthalate	22.474	149	4557730	36.858	ng/u1	100
90) Benzo(b)fluoranthene	23.392	252	5565495	36.319	ng/u1	100
91) Benzo(k)fluoranthene	23.445	252	5481050	37.424	ng/u1	99
93) Benzo(a)pyrene	24.074	252	4841311	36.595	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.909	276	5866692	35.792	ng/u1	99
95) Dibenzo(a,h)anthracene	26.927	278	4919733	36.205	ng/u1	99
96) Benzo(g,h,i)perylene	27.745	276	4648015	35.845	ng/u1	99

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

