

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020923\
 Data File : BP013809.D
 Acq On : 09 Feb 2023 11:48
 Operator : CG/JU
 Sample : PB150744BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS744

Quant Time: Feb 09 13:17:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 08 00:37:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/09/2023
 Supervised By :Sohil Jodhani 02/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	210169	20.000	ng/u1	0.00
20) Naphthalene-d8	10.951	136	936352	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	645286	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1621437	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1508393	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1398176	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.469	96	28163	5.554	ng/uL	0.00
4) Pyridine-d5	3.899	84	385205	25.624	ng/u1	0.00
7) Phenol-d5	7.269	99	543686	29.034	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	314748	28.684	ng/u1	0.00
11) 2-Chlorophenol-d4	7.646	132	409351	29.696	ng/u1	0.00
15) 4-Methylphenol-d8	8.828	113	470490	30.740	ng/u1	0.00
21) Nitrobenzene-d5	9.293	128	211299	32.433	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	243853	32.418	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	466875	30.457	ng/u1	0.00
31) 4-Chloroaniline-d4	11.081	131	488821	22.497	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	1488797	29.293	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	1613480	29.327	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	268797	29.687	ng/u1	0.00
60) Fluorene-d10	15.751	176	1296526	29.949	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	275563	27.702	ng/u1	0.00
73) Anthracene-d10	17.610	188	2165914	29.213	ng/u1	0.00
81) Pyrene-d10	19.827	212	2561724	29.948	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2129585	30.397	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.505	88	59398	10.912	ng/uL	99
5) Pyridine	3.922	79	398940	26.853	ng/u1	96
6) Benzaldehyde	7.252	77	320418	37.944	ng/u1	97
8) Phenol	7.293	94	573877	29.855	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.534	93	441960	28.693	ng/u1	97
12) 2-Chlorophenol	7.681	128	429465	30.364	ng/u1	99
13) 2-Methylphenol	8.557	108	435518	29.683	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.646	45	535368	30.556	ng/u1	98
16) Acetophenone	8.951	105	747144	30.439	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.940	70	378373	31.041	ng/u1	97
18) 4-Methylphenol	8.893	108	508415	31.386	ng/u1	99
19) Hexachloroethane	9.216	117	177665	30.675	ng/u1	96
22) Nitrobenzene	9.340	77	543431	31.705	ng/u1	97
23) Isophorone	9.869	82	1100605	30.436	ng/u1	99
25) 2-Nitrophenol	10.057	139	267486	32.809	ng/u1	97
26) 2,4-Dimethylphenol	10.104	107	556840	30.676	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.346	93	673368	30.835	ng/u1	99
29) 2,4-Dichlorophenol	10.587	162	464097	30.753	ng/u1	97
30) Naphthalene	10.998	128	1426333	28.615	ng/u1	99
32) 4-Chloroaniline	11.104	127	489054	22.326	ng/u1	99
33) Hexachlorobutadiene	11.281	225	314872	29.619	ng/u1	98
34) Caprolactam	11.887	113	162786m	30.741	ng/u1	
35) 4-Chloro-3-methylphenol	12.216	107	547644	31.433	ng/u1	100
36) 2-Methylnaphthalene	12.592	142	1049116	29.936	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	1043290	28.812	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.957	216	624686	30.720	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	365436	27.988	ng/ul	100
41) 2,4,6-Trichlorophenol	13.192	196	411447	30.834	ng/ul	98
42) 2,4,5-Trichlorophenol	13.269	196	450550	31.193	ng/ul	99
43) 1,1'-Biphenyl	13.592	154	1414812	29.220	ng/ul	98
44) 2-Chloronaphthalene	13.639	162	1132032	29.719	ng/ul	99
45) 2-Nitroaniline	13.839	65	306414	33.398	ng/ul	97
47) Dimethylphthalate	14.210	163	1508077	29.917	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	294538	33.443	ng/ul	96
50) Acenaphthylene	14.481	152	1748545	29.461	ng/ul	99
51) 3-Nitroaniline	14.663	138	260693	29.939	ng/ul	96
52) Acenaphthene	14.822	153	1204578	28.997	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	154092	24.535	ng/ul	94
55) 4-Nitrophenol	14.957	109	236114	29.719	ng/ul	100
56) Dibenzofuran	15.157	168	1728595	29.024	ng/ul	100
57) 2,4-Dinitrotoluene	15.116	165	438434	33.391	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.381	232	416866	30.620	ng/ul	98
59) Diethylphthalate	15.569	149	1503734	29.707	ng/ul	98
61) Fluorene	15.804	166	1464828	30.148	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.792	204	773859	30.632	ng/ul	99
63) 4-Nitroaniline	15.828	138	325982	39.534	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.881	198	274735	28.172	ng/ul#	94
67) N-Nitrosodiphenylamine	16.010	169	1297512	29.441	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	491021	28.676	ng/ul	98
69) Hexachlorobenzene	16.810	284	571672	28.652	ng/ul	96
70) Atrazine	16.963	200	467325	26.516	ng/ul	99
71) Pentachlorophenol	17.157	266	375538	28.924	ng/ul	99
72) Phenanthrene	17.557	178	2537729	29.577	ng/ul	99
74) Anthracene	17.645	178	2557229	29.623	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.563	216	612063	28.277	ng/uL	99
76) Pentachlorobenzene	15.075	250	616724	27.611	ng/uL	99
77) Carbazole	17.910	167	2317912	30.482	ng/ul	100
78) Di-n-butylphthalate	18.439	149	2687005	29.135	ng/ul	99
80) Fluoranthene	19.504	202	3129960	31.963	ng/ul	99
82) Pyrene	19.857	202	3132787	30.006	ng/ul	99
83) Butylbenzylphthalate	20.710	149	1159195	32.441	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	972219	28.638	ng/ul	100
85) Benzo(a)anthracene	21.574	228	3100058	30.078	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1785236	32.627	ng/ul	98
87) Chrysene	21.633	228	2949407	30.331	ng/ul	97
89) Di-n-octyl phthalate	22.451	149	2912246	30.270	ng/ul	100
90) Benzo(b)fluoranthene	23.363	252	2888939	30.986	ng/ul	99
91) Benzo(k)fluoranthene	23.415	252	2789372	30.157	ng/ul	99
93) Benzo(a)pyrene	24.039	252	2413157	30.539	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.856	276	2659375	30.004	ng/ul	98
95) Dibenzo(a,h)anthracene	26.880	278	2226186	30.068	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	2129326	30.175	ng/ul	100

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

