

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018493.D
 Acq On : 02 Dec 2023 00:44
 Operator : MA/JU
 Sample : 05332-05MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YCG73MSD

Quant Time: Dec 02 01:17:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 01 21:56:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	356672	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1510626	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	932047	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.240	188	1833996	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	1329663	20.000	ng/u1	0.00
88) Perylene-d12	23.698	264	1572299	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	37191	3.553	ng/uL	0.00
4) Pyridine-d5	3.693	84	260737	9.300	ng/u1	0.00
7) Phenol-d5	7.028	99	210587	5.883	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	666287	31.407	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	618305	22.138	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	415582	14.347	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	431843	32.119	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	434776	31.190	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	806916	28.310	ng/u1	0.00
31) 4-Chloroaniline-d4	10.799	131	1021354	27.419	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	2919144	35.092	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	3079118	33.615	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	96185	7.044	ng/u1	0.00
60) Fluorene-d10	15.487	176	2370965	33.955	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	413936	37.642	ng/u1	0.00
73) Anthracene-d10	17.340	188	3548676	36.806	ng/u1	0.00
81) Pyrene-d10	19.575	212	3684370	35.597	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.545	264	3544352	38.662	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	45577	3.971	ng/uL	99
5) Pyridine	3.711	79	317059	11.199	ng/u1	99
6) Benzaldehyde	7.005	77	645751	34.943	ng/u1	96
8) Phenol	7.058	94	244371	6.962	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.293	93	966145	33.515	ng/u1	99
12) 2-Chlorophenol	7.428	128	670729	23.729	ng/u1	98
13) 2-Methylphenol	8.311	108	505897	18.826	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	1191835	32.584	ng/u1	98
16) Acetophenone	8.693	105	1475573	34.181	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.681	70	743708	31.315	ng/u1	98
18) 4-Methylphenol	8.640	108	473925	16.151	ng/u1	100
19) Hexachloroethane	8.946	117	295920	25.536	ng/u1	93
22) Nitrobenzene	9.069	77	1104545	33.789	ng/u1	100
23) Isophorone	9.599	82	2205483	33.090	ng/u1	100
25) 2-Nitrophenol	9.781	139	496889	33.292	ng/u1	99
26) 2,4-Dimethylphenol	9.840	107	653957	22.404	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.081	93	1380754	32.814	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	817684	29.783	ng/u1	98
30) Naphthalene	10.710	128	2870518	31.324	ng/u1	100
32) 4-Chloroaniline	10.828	127	968645	27.283	ng/u1	99
33) Hexachlorobutadiene	10.999	225	536934	29.202	ng/u1	100
34) Caprolactam	11.616	113	37726	4.481	ng/u1	97
35) 4-Chloro-3-methylphenol	11.946	107	823440	26.773	ng/u1	100
36) 2-Methylnaphthalene	12.322	142	2076779	31.989	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	2064521	31.489	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.687	216	1193014	35.280	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	547665	27.324	ng/ul	97
41) 2,4,6-Trichlorophenol	12.928	196	781265	35.914	ng/ul	99
42) 2,4,5-Trichlorophenol	12.993	196	841937	35.700	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	2824308	35.037	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	2245148	35.265	ng/ul	99
45) 2-Nitroaniline	13.575	65	671473	38.905	ng/ul	98
47) Dimethylphthalate	13.957	163	3062436	37.399	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	628161	40.604	ng/ul	96
50) Acenaphthylene	14.216	152	3696436	35.893	ng/ul	100
51) 3-Nitroaniline	14.404	138	559686	36.241	ng/ul	100
52) Acenaphthene	14.557	153	2435269	35.764	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	279654	34.108	ng/ul	96
55) 4-Nitrophenol	14.704	109	79587	7.715	ng/ul	97
56) Dibenzofuran	14.893	168	3411073	36.043	ng/ul	100
57) 2,4-Dinitrotoluene	14.857	165	880948	40.482	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.116	232	744528	37.636	ng/ul	96
59) Diethylphthalate	15.322	149	3017352	37.657	ng/ul	99
61) Fluorene	15.540	166	2705665	36.131	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.540	204	1426737	36.327	ng/ul	95
63) 4-Nitroaniline	15.563	138	560105	38.071	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.622	198	482539	41.043	ng/ul	92
67) N-Nitrosodiphenylamine	15.751	169	2404371	39.563	ng/ul	99
68) 4-Bromophenyl-phenylether	16.434	248	926071	39.997	ng/ul	95
69) Hexachlorobenzene	16.540	284	1051784	40.687	ng/ul	98
70) Atrazine	16.710	200	776460	42.974	ng/ul	99
71) Pentachlorophenol	16.887	266	607565	39.518	ng/ul	99
72) Phenanthrene	17.281	178	4407844	39.795	ng/ul	100
74) Anthracene	17.375	178	4338469	39.076	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.293	216	1214779	38.307	ng/uL	98
76) Pentachlorobenzene	14.810	250	1242756	39.896	ng/uL	100
77) Carbazole	17.645	167	3826054	43.238	ng/ul	99
78) Di-n-butylphthalate	18.204	149	4605461	39.087	ng/ul	100
80) Fluoranthene	19.245	202	4682634	38.274	ng/ul	100
82) Pyrene	19.604	202	4701456	38.092	ng/ul	97
83) Butylbenzylphthalate	20.481	149	1741125	38.534	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.245	252	1298506	40.186	ng/ul	100
85) Benzo(a)anthracene	21.310	228	4338518	40.199	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	2429779	39.124	ng/ul	100
87) Chrysene	21.363	228	4068953	40.940	ng/ul	100
89) Di-n-octyl phthalate	22.157	149	4229983	36.847	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	4515594	38.952	ng/ul	99
91) Benzo(k)fluoranthene	23.022	252	4508908	40.198	ng/ul	99
93) Benzo(a)pyrene	23.598	252	4338307	40.956	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.180	276	5710449	45.121	ng/ul	99
95) Dibenzo(a,h)anthracene	26.198	278	4742248	45.044	ng/ul	98
96) Benzo(g,h,i)perylene	26.939	276	4645223	45.608	ng/ul	98

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

