

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
 Data File : BP018622.D
 Acq On : 06 Dec 2023 01:53
 Operator : MA/JU
 Sample : 05424-07MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YCG91MS

Quant Time: Dec 06 02:44:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	358204	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	1576816	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.481	164	1038584	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	1796471	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1424259	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	1495964	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	36760	3.497	ng/uL	0.00
4) Pyridine-d5	3.687	84	320474	11.382	ng/u1	0.00
7) Phenol-d5	7.016	99	251380	6.993	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	711783	33.409	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	684323	24.397	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	451098	15.506	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	467533	33.314	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	509504	35.017	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	917936	30.853	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	1034112	26.596	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	3243126	34.987	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	3416442	33.472	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	121127	7.961	ng/u1	0.00
60) Fluorene-d10	15.475	176	2705515	34.772	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	513674	47.687	ng/u1	0.00
73) Anthracene-d10	17.328	188	3373339	35.718	ng/u1	0.00
81) Pyrene-d10	19.563	212	3895667	35.138	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	3250802	37.269	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	52782	4.579	ng/uL	94
5) Pyridine	3.705	79	378692	13.319	ng/u1	98
6) Benzaldehyde	6.993	77	666125	35.891	ng/u1	99
8) Phenol	7.046	94	288411	8.181	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.281	93	1024585	35.390	ng/u1	99
12) 2-Chlorophenol	7.411	128	735747	25.917	ng/u1	98
13) 2-Methylphenol	8.299	108	588694	21.813	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1257423	34.230	ng/u1	98
16) Acetophenone	8.675	105	1457605	33.620	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	729711	30.595	ng/u1	98
18) 4-Methylphenol	8.628	108	515502	17.492	ng/u1	99
19) Hexachloroethane	8.928	117	285541	24.535	ng/u1	99
22) Nitrobenzene	9.058	77	1184535	34.715	ng/u1	98
23) Isophorone	9.587	82	2383904	34.266	ng/u1	99
25) 2-Nitrophenol	9.763	139	549533	35.274	ng/u1	99
26) 2,4-Dimethylphenol	9.828	107	662292	21.737	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.069	93	1496752	34.078	ng/u1	98
29) 2,4-Dichlorophenol	10.299	162	929841	32.447	ng/u1	98
30) Naphthalene	10.699	128	3108278	32.494	ng/u1	100
32) 4-Chloroaniline	10.810	127	1004732	27.112	ng/u1	100
33) Hexachlorobutadiene	10.981	225	578114	30.122	ng/u1	99
34) Caprolactam	11.604	113	46382	5.278	ng/u1	96
35) 4-Chloro-3-methylphenol	11.934	107	958866	29.868	ng/u1	99
36) 2-Methylnaphthalene	12.310	142	2309879	34.086	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	2285241	33.392	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.675	216	1342571	35.630	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	579965	25.967	ng/ul	99
41) 2,4,6-Trichlorophenol	12.916	196	884725	36.498	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	976392	37.154	ng/ul	100
43) 1,1'-Biphenyl	13.322	154	3146891	35.034	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	2519255	35.511	ng/ul	99
45) 2-Nitroaniline	13.569	65	752357	39.120	ng/ul	96
47) Dimethylphthalate	13.946	163	3430433	37.596	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	715159	41.485	ng/ul	93
50) Acenaphthylene	14.204	152	4232719	36.884	ng/ul	100
51) 3-Nitroaniline	14.393	138	638541	37.106	ng/ul	98
52) Acenaphthene	14.546	153	2803906	36.953	ng/ul	98
53) 2,4-Dinitrophenol	14.593	184	317056	34.703	ng/ul	99
55) 4-Nitrophenol	14.693	109	94438	8.215	ng/ul	97
56) Dibenzofuran	14.881	168	3892207	36.908	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	1024308	42.241	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	842329	38.212	ng/ul	97
59) Diethylphthalate	15.310	149	3426519	38.376	ng/ul	99
61) Fluorene	15.528	166	3110724	37.278	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.528	204	1650384	37.711	ng/ul	95
63) 4-Nitroaniline	15.557	138	675011	41.175	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.610	198	585315	50.824	ng/ul	97
67) N-Nitrosodiphenylamine	15.745	169	2785292	46.788	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	1024567	45.175	ng/ul	95
69) Hexachlorobenzene	16.528	284	1067696	42.165	ng/ul	98
70) Atrazine	16.698	200	734901	41.524	ng/ul	99
71) Pentachlorophenol	16.875	266	614416	40.799	ng/ul	100
72) Phenanthrene	17.269	178	4112581	37.904	ng/ul	99
74) Anthracene	17.363	178	4117227	37.857	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.281	216	1367765	44.032	ng/uL	98
76) Pentachlorobenzene	14.798	250	1424868	46.698	ng/uL	99
77) Carbazole	17.634	167	3694403	42.622	ng/ul	99
78) Di-n-butylphthalate	18.192	149	4799819	41.587	ng/ul	100
80) Fluoranthene	19.239	202	4920577	37.547	ng/ul	96
82) Pyrene	19.592	202	4894591	37.023	ng/ul	94
83) Butylbenzylphthalate	20.469	149	1997053	41.262	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	1113141	32.162	ng/ul	100
85) Benzo(a)anthracene	21.298	228	4553778	39.391	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	2759332	41.480	ng/ul	99
87) Chrysene	21.351	228	4138765	38.876	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	4440858	40.658	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	4328913	39.247	ng/ul	98
91) Benzo(k)fluoranthene	23.010	252	4071627	38.152	ng/ul	99
93) Benzo(a)pyrene	23.580	252	3980223	39.493	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.151	276	5623900	46.704	ng/ul	98
95) Dibenzo(a,h)anthracene	26.174	278	4688022	46.801	ng/ul	98
96) Benzo(g,h,i)perylene	26.910	276	4568672	47.145	ng/ul	98

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

