

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
 Data File : BP018492.D
 Acq On : 02 Dec 2023 00:10
 Operator : MA/JU
 Sample : 05332-04MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YCG73MS

Quant Time: Dec 02 01:17:30 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	7.863	152	351018	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1533737	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	996931	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	2178823	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1619302	20.000	ng/u1	0.00
88) Perylene-d12	23.704	264	1566988	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	41888	4.067	ng/uL	0.00
4) Pyridine-d5	3.693	84	272890	9.891	ng/u1	0.00
7) Phenol-d5	7.028	99	215107	6.106	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	678697	32.508	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	613654	22.325	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	414390	14.536	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	434436	31.825	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	430788	30.439	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	817076	28.234	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	1072365	28.354	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	3204985	36.020	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	3288414	33.564	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	113716	7.786	ng/u1	0.00
60) Fluorene-d10	15.486	176	2606124	34.894	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	498497	38.157	ng/u1	0.00
73) Anthracene-d10	17.339	188	4210858	36.762	ng/u1	0.00
81) Pyrene-d10	19.574	212	4745568	37.648	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.545	264	3593337	39.329	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	45787	4.053	ng/uL	99
5) Pyridine	3.711	79	321363	11.534	ng/u1	99
6) Benzaldehyde	7.005	77	649286	35.700	ng/u1	98
8) Phenol	7.057	94	246789	7.144	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.293	93	973183	34.303	ng/u1	99
12) 2-Chlorophenol	7.428	128	669251	24.058	ng/u1	99
13) 2-Methylphenol	8.310	108	508139	19.214	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1238523	34.405	ng/u1	99
16) Acetophenone	8.693	105	1506305	35.454	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.681	70	762552	32.626	ng/u1	99
18) 4-Methylphenol	8.640	108	479979	16.621	ng/u1	100
19) Hexachloroethane	8.946	117	300586	26.357	ng/u1	99
22) Nitrobenzene	9.069	77	1119131	33.720	ng/u1	100
23) Isophorone	9.598	82	2280708	33.703	ng/u1	99
25) 2-Nitrophenol	9.781	139	501062	33.066	ng/u1	99
26) 2,4-Dimethylphenol	9.840	107	663208	22.378	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.081	93	1421238	33.267	ng/u1	100
29) 2,4-Dichlorophenol	10.310	162	831032	29.813	ng/u1	99
30) Naphthalene	10.710	128	2924412	31.431	ng/u1	99
32) 4-Chloroaniline	10.828	127	1009509	28.006	ng/u1	98
33) Hexachlorobutadiene	10.998	225	529194	28.347	ng/u1	97
34) Caprolactam	11.616	113	43381	5.075	ng/u1	99
35) 4-Chloro-3-methylphenol	11.945	107	866891	27.761	ng/u1	99
36) 2-Methylnaphthalene	12.322	142	2144152	32.529	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	2143526	32.201	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	1220414	33.741	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	542832	25.320	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	810264	34.823	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	885656	35.110	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	2974261	34.496	ng/ul	99
44) 2-Chloronaphthalene	13.369	162	2347552	34.473	ng/ul	99
45) 2-Nitroaniline	13.581	65	745128	40.363	ng/ul	98
47) Dimethylphthalate	13.957	163	3352026	38.272	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	703058	42.487	ng/ul	98
50) Acenaphthylene	14.216	152	3929566	35.673	ng/ul	100
51) 3-Nitroaniline	14.404	138	635654	38.482	ng/ul	99
52) Acenaphthene	14.557	153	2595730	35.639	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	321247	36.630	ng/ul	99
55) 4-Nitrophenol	14.704	109	95467	8.652	ng/ul	98
56) Dibenzofuran	14.892	168	3689788	36.450	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	1028903	44.203	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.116	232	823127	38.901	ng/ul	99
59) Diethylphthalate	15.322	149	3447839	40.229	ng/ul	100
61) Fluorene	15.545	166	2965376	37.021	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	1548820	36.869	ng/ul	97
63) 4-Nitroaniline	15.569	138	672437	42.731	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.622	198	580039	41.528	ng/ul	95
67) N-Nitrosodiphenylamine	15.751	169	2719820	37.671	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	1049115	38.140	ng/ul	97
69) Hexachlorobenzene	16.539	284	1210418	39.413	ng/ul	98
70) Atrazine	16.710	200	953751	44.432	ng/ul	99
71) Pentachlorophenol	16.886	266	733875	40.179	ng/ul	99
72) Phenanthrene	17.286	178	5186629	39.415	ng/ul	100
74) Anthracene	17.375	178	5102876	38.687	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	1260062	33.447	ng/ul	99
76) Pentachlorobenzene	14.810	250	1336287	36.109	ng/ul	99
77) Carbazole	17.645	167	4729504	44.989	ng/ul	100
78) Di-n-butylphthalate	18.204	149	5913108	42.242	ng/ul	100
80) Fluoranthene	19.251	202	6006795	40.315	ng/ul	98
82) Pyrene	19.604	202	6003178	39.939	ng/ul	97
83) Butylbenzylphthalate	20.480	149	2428110	44.126	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.245	252	1506094	38.274	ng/ul	100
85) Benzo(a)anthracene	21.310	228	5346310	40.676	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	3225106	42.642	ng/ul	99
87) Chrysene	21.363	228	4939868	40.812	ng/ul	99
89) Di-n-octyl phthalate	22.157	149	5193367	45.393	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	4677910	40.489	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	4745209	42.448	ng/ul	100
93) Benzo(a)pyrene	23.598	252	4384665	41.534	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.180	276	5423996	43.002	ng/ul	99
95) Dibenzo(a,h)anthracene	26.198	278	4510565	42.988	ng/ul	98
96) Benzo(g,h,i)perylene	26.939	276	4411847	43.463	ng/ul	98

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

