

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018349.D
 Acq On : 25 Nov 2023 03:30
 Operator : MA/JU
 Sample : 05264-13MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKS2MSD

Quant Time: Nov 25 03:59:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	374525	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1316807	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	691970	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1403039	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	1501918	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	1791145	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	41792	4.179	ng/uL	0.00
4) Pyridine-d5	3.693	84	78777	2.867	ng/ul	0.00
7) Phenol-d5	7.028	99	230331	6.729	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	642291	31.381	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	722584	25.144	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	407653	14.758	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	417810	39.064	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	383327	38.807	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	784171	32.906	ng/ul	0.00
31) 4-Chloroaniline-d4	10.805	131	750325	23.345	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	2266698	36.814	ng/ul	0.00
49) Acenaphthylene-d8	14.193	160	2637181	37.589	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	79465	9.349	ng/ul	0.00
60) Fluorene-d10	15.493	176	1963779	38.132	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	273517	45.795	ng/ul	0.00
73) Anthracene-d10	17.351	188	2885644	38.480	ng/ul	0.00
81) Pyrene-d10	19.586	212	3803057	31.816	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	4352909	41.918	ng/ul	0.01
Target Compounds						
2) 1,4-Dioxane	3.311	88	54960	5.126	ng/uL#	86
5) Pyridine	3.711	79	110517	3.991	ng/ul	97
6) Benzaldehyde	7.005	77	613994	33.898	ng/ul	99
8) Phenol	7.058	94	270189	8.047	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.299	93	971436	34.735	ng/ul	97
12) 2-Chlorophenol	7.428	128	780878	27.084	ng/ul	97
13) 2-Methylphenol	8.311	108	518957	19.844	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1206531	30.350	ng/ul	96
16) Acetophenone	8.693	105	1375084	32.533	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.681	70	626961	26.553	ng/ul	95
18) 4-Methylphenol	8.640	108	467334	16.734	ng/ul	99
19) Hexachloroethane	8.952	117	406446	33.757	ng/ul	96
22) Nitrobenzene	9.069	77	967651	38.618	ng/ul	96
23) Isophorone	9.599	82	1798356	32.201	ng/ul	99
25) 2-Nitrophenol	9.781	139	459615	41.355	ng/ul	95
26) 2,4-Dimethylphenol	9.846	107	543480	21.781	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.087	93	1188400	35.234	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	810930	35.525	ng/ul	98
30) Naphthalene	10.716	128	2995294	37.609	ng/ul	100
32) 4-Chloroaniline	10.828	127	757269	24.968	ng/ul	99
33) Hexachlorobutadiene	11.005	225	640577	41.144	ng/ul	99
34) Caprolactam	11.599	113	25375	3.857	ng/ul	80
35) 4-Chloro-3-methylphenol	11.946	107	664379	27.221	ng/ul	97
36) 2-Methylnaphthalene	12.328	142	1971240	34.973	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	1930086	34.018	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	1111511	45.481	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	504475	36.446	ng/ul	99
41) 2,4,6-Trichlorophenol	12.934	196	633531	43.165	ng/ul	99
42) 2,4,5-Trichlorophenol	12.999	196	691067	43.544	ng/ul	99
43) 1,1'-Biphenyl	13.340	154	2514813	41.712	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	2029210	42.525	ng/ul	99
45) 2-Nitroaniline	13.581	65	446567	43.493	ng/ul	89
47) Dimethylphthalate	13.963	163	2426907	40.284	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	467446	46.022	ng/ul	91
50) Acenaphthylene	14.222	152	3203913	40.970	ng/ul	99
51) 3-Nitroaniline	14.404	138	406934	40.323	ng/ul#	91
52) Acenaphthene	14.563	153	2093667	40.983	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	174281	49.183	ng/ul	98
55) 4-Nitrophenol	14.698	109	63385	10.065	ng/ul	98
56) Dibenzofuran	14.898	168	2899492	41.515	ng/ul	99
57) 2,4-Dinitrotoluene	14.863	165	650340	47.381	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.122	232	546033	43.809	ng/ul	96
59) Diethylphthalate	15.328	149	2349126	38.817	ng/ul	99
61) Fluorene	15.545	166	2317870	40.696	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	1196942	41.386	ng/ul	98
63) 4-Nitroaniline	15.569	138	455970	47.876	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.622	198	329630	49.762	ng/ul	99
67) N-Nitrosodiphenylamine	15.757	169	1938726	40.748	ng/ul	99
68) 4-Bromophenyl-phenylether	16.440	248	711927	40.190	ng/ul	99
69) Hexachlorobenzene	16.545	284	880583	44.466	ng/ul	96
70) Atrazine	16.716	200	505534	34.805	ng/ul	98
71) Pentachlorophenol	16.892	266	472271	46.413	ng/ul	99
72) Phenanthrene	17.292	178	3784789	44.349	ng/ul	100
74) Anthracene	17.381	178	3597753	41.765	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.299	216	1096609	45.471	ng/uL	100
76) Pentachlorobenzene	14.816	250	1048268	44.747	ng/uL	99
77) Carbazole	17.657	167	3555267	50.943	ng/ul	99
78) Di-n-butylphthalate	18.222	149	4124190	42.485	ng/ul	99
80) Fluoranthene	19.263	202	4683407	32.797	ng/ul	99
82) Pyrene	19.616	202	4912328	34.162	ng/ul	98
83) Butylbenzylphthalate	20.510	149	1988024	37.359	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.280	252	1493452	41.113	ng/ul	98
85) Benzo(a)anthracene	21.339	228	5300751	43.306	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	3043404	38.119	ng/ul	99
87) Chrysene	21.392	228	4941696	44.366	ng/ul	100
89) Di-n-octyl phthalate	22.245	149	5352943	40.594	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	5647194	43.407	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	5657737	43.684	ng/ul	99
93) Benzo(a)pyrene	23.680	252	5342767	44.655	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.363	276	6768333	48.924	ng/ul	98
95) Dibenzo(a,h)anthracene	26.404	278	5582182	49.288	ng/ul	99
96) Benzo(g,h,i)perylene	27.157	276	5472101	48.840	ng/ul	98

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

