

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018379.D
 Acq On : 25 Nov 2023 21:32
 Operator : MA/JU
 Sample : 05336-04MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKB9MSD

Quant Time: Nov 27 00:04:03 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	7.863	152	475940	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1683780	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	949594	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	2105641	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	2232638	20.000	ng/u1	0.00
88) Perylene-d12	23.804	264	2689262	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	42718	3.362	ng/uL	0.00
4) Pyridine-d5	3.687	84	233414	6.684	ng/u1	0.00
7) Phenol-d5	7.028	99	183206	4.212	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	515443	19.817	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	589360	16.138	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	346199	9.863	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	361974	26.467	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	343230	27.175	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	682691	22.404	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	862461	20.985	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	2175634	25.748	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	2431072	25.251	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	75089	6.437	ng/u1	0.00
60) Fluorene-d10	15.492	176	1877859	26.571	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	293304	32.722	ng/u1	0.00
73) Anthracene-d10	17.345	188	3058379	27.175	ng/u1	0.00
81) Pyrene-d10	19.586	212	3892426	21.906	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	4390693	28.161	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	45314	3.326	ng/uL#	85
5) Pyridine	3.711	79	277955	7.900	ng/u1	93
6) Benzaldehyde	7.005	77	503463	21.873	ng/u1	95
8) Phenol	7.052	94	203851	4.778	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.293	93	772544	21.737	ng/u1	97
12) 2-Chlorophenol	7.428	128	623968	17.030	ng/u1	95
13) 2-Methylphenol	8.310	108	423933	12.756	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	875048	17.321	ng/u1	96
16) Acetophenone	8.693	105	1131175	21.060	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.681	70	510257	17.006	ng/u1	91
18) 4-Methylphenol	8.640	108	381085	10.738	ng/u1	99
19) Hexachloroethane	8.946	117	232246	15.179	ng/u1	94
22) Nitrobenzene	9.069	77	786943	24.561	ng/u1	96
23) Isophorone	9.599	82	1528126	21.399	ng/u1	97
25) 2-Nitrophenol	9.781	139	394808	27.782	ng/u1	94
26) 2,4-Dimethylphenol	9.846	107	651432	20.417	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	973517	22.573	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	686627	23.524	ng/u1	99
30) Naphthalene	10.716	128	2361796	23.192	ng/u1	100
32) 4-Chloroaniline	10.828	127	786659	20.284	ng/u1	100
33) Hexachlorobutadiene	11.004	225	442364	22.221	ng/u1	99
34) Caprolactam	11.598	113	31541	3.750	ng/u1	87
35) 4-Chloro-3-methylphenol	11.945	107	605185	19.392	ng/u1	97
36) 2-Methylnaphthalene	12.328	142	1632704	22.653	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	1646687	22.698	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	945331	28.187	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	361092	19.010	ng/ul	97
41) 2,4,6-Trichlorophenol	12.928	196	618864	30.726	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	664508	30.511	ng/ul	99
43) 1,1'-Biphenyl	13.340	154	2202707	26.623	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1763060	26.924	ng/ul	98
45) 2-Nitroaniline	13.581	65	426275	30.253	ng/ul	86
47) Dimethylphthalate	13.963	163	2280795	27.588	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	462723	33.198	ng/ul#	85
50) Acenaphthylene	14.222	152	2933391	27.334	ng/ul	99
51) 3-Nitroaniline	14.404	138	431800	31.179	ng/ul#	93
52) Acenaphthene	14.563	153	3668700	52.331	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	166152	34.168	ng/ul	98
55) 4-Nitrophenol	14.704	109	58352	6.752	ng/ul	95
56) Dibenzofuran	14.898	168	2727966	28.463	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	651471	34.587	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.122	232	583158	34.094	ng/ul	94
59) Diethylphthalate	15.328	149	2277862	27.428	ng/ul	99
61) Fluorene	15.545	166	2753989	35.235	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.545	204	1133327	28.555	ng/ul	96
63) 4-Nitroaniline	15.569	138	480110	36.734	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.622	198	338214	34.021	ng/ul#	97
67) N-Nitrosodiphenylamine	15.757	169	1905117	26.681	ng/ul	100
68) 4-Bromophenyl-phenylether	16.439	248	752707	28.313	ng/ul	97
69) Hexachlorobenzene	16.545	284	900244	30.290	ng/ul	94
70) Atrazine	16.716	200	652132	29.916	ng/ul	99
71) Pentachlorophenol	16.892	266	548039	35.887	ng/ul	100
72) Phenanthrene	17.292	178	3725475	29.088	ng/ul	100
74) Anthracene	17.381	178	3749644	29.004	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	967583	26.734	ng/ul	100
76) Pentachlorobenzene	14.816	250	999253	28.422	ng/ul	98
77) Carbazole	17.657	167	5386073	51.424	ng/ul	100
78) Di-n-butylphthalate	18.216	149	4149899	28.485	ng/ul	99
80) Fluoranthene	19.263	202	4773901	22.489	ng/ul	97
82) Pyrene	19.616	202	4908316	22.962	ng/ul	97
83) Butylbenzylphthalate	20.510	149	2036724	25.747	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.280	252	1541641	28.549	ng/ul	99
85) Benzo(a)anthracene	21.345	228	5264445	28.933	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	3046934	25.673	ng/ul	98
87) Chrysene	21.398	228	4897011	29.576	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	5395096	27.250	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	5711562	29.240	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	5410178	27.822	ng/ul	99
93) Benzo(a)pyrene	23.698	252	5258232	29.271	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.398	276	6649576	32.013	ng/ul	97
95) Dibenzo(a,h)anthracene	26.445	278	5473884	32.190	ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	5390778	32.046	ng/ul	97

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

