

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
 Data File : BM043359.D
 Acq On : 15 Dec 2023 15:52
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV047

Quant Time: Dec 15 22:12:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	376162	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1723684	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	991711	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1779296	20.000	ng/u1	0.00
79) Chrysene-d12	21.538	240	1232284	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	1264684	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	72438	6.259	ng/uL	0.00
4) Pyridine-d5	3.804	84	605210	18.168	ng/u1	0.00
7) Phenol-d5	7.151	99	760332	17.768	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	536550	19.798	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	577292	17.669	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	601039	18.100	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	302125	18.116	ng/u1	0.00
24) 2-Nitrophenol-d4	9.886	143	314050	18.226	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	548082	18.018	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	878532	19.632	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1585451	17.759	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	1950214	18.415	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	310793	18.394	ng/u1	0.00
60) Fluorene-d10	15.615	176	1306570	17.699	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	202289	17.190	ng/u1	0.00
73) Anthracene-d10	17.462	188	1776133	17.799	ng/u1	0.00
81) Pyrene-d10	19.750	212	1679370	17.262	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.803	264	1358195	17.403	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	77048	6.025	ng/uL	97
5) Pyridine	3.828	79	523412	15.194	ng/u1	99
6) Benzaldehyde	7.139	77	455382	22.444	ng/u1	97
8) Phenol	7.181	94	706520	16.782	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.422	93	573064	16.767	ng/u1	98
12) 2-Chlorophenol	7.551	128	551622	16.574	ng/u1	99
13) 2-Methylphenol	8.439	108	536173	16.773	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.528	45	931059	16.223	ng/u1	99
16) Acetophenone	8.828	105	917593	18.049	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.810	70	504097	16.613	ng/u1	98
18) 4-Methylphenol	8.769	108	588716	16.993	ng/u1	100
19) Hexachloroethane	9.069	117	230080	16.395	ng/u1	97
22) Nitrobenzene	9.210	77	681244	16.506	ng/u1	100
23) Isophorone	9.733	82	1356068	16.197	ng/u1	99
25) 2-Nitrophenol	9.916	139	318087	17.369	ng/u1	98
26) 2,4-Dimethylphenol	9.975	107	492282	15.090	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.222	93	811688	16.419	ng/u1	99
29) 2,4-Dichlorophenol	10.445	162	498130	16.874	ng/u1	98
30) Naphthalene	10.851	128	1800151	16.387	ng/u1	99
32) 4-Chloroaniline	10.969	127	798377	18.553	ng/u1	99
33) Hexachlorobutadiene	11.127	225	244471	16.243	ng/u1	98
34) Caprolactam	11.745	113	179524	19.031	ng/u1	99
35) 4-Chloro-3-methylphenol	12.086	107	579036	16.700	ng/u1	99
36) 2-Methylnaphthalene	12.457	142	1230743	16.458	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.674	142	1203429	15.955	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.816	216	503362	16.658	ng/ul	99
40) Hexachlorocyclopentadiene	12.792	237	258053	13.611	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	361339	16.823	ng/ul	99
42) 2,4,5-Trichlorophenol	13.127	196	390246	17.112	ng/ul	97
43) 1,1'-Biphenyl	13.463	154	1627347	17.214	ng/ul	100
44) 2-Chloronaphthalene	13.504	162	1193323	16.465	ng/ul	99
45) 2-Nitroaniline	13.715	65	412325	16.965	ng/ul	98
47) Dimethylphthalate	14.092	163	1428763	16.206	ng/ul	100
48) 2,6-Dinitrotoluene	14.215	165	305173	17.904	ng/ul	98
50) Acenaphthylene	14.351	152	2029553	16.689	ng/ul	99
51) 3-Nitroaniline	14.539	138	360830	18.440	ng/ul	98
52) Acenaphthene	14.686	153	1294410	16.149	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	143756	15.843	ng/ul	99
55) 4-Nitrophenol	14.839	109	225020	17.150	ng/ul	99
56) Dibenzofuran	15.021	168	1747713	16.884	ng/ul	100
57) 2,4-Dinitrotoluene	14.992	165	396319	16.457	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.245	232	304691	17.438	ng/ul	98
59) Diethylphthalate	15.451	149	1439249	15.930	ng/ul	100
61) Fluorene	15.668	166	1450934	16.407	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	621865	15.986	ng/ul	98
63) 4-Nitroaniline	15.698	138	358571	20.020	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.751	198	194825	15.507	ng/ul	96
67) N-Nitrosodiphenylamine	15.880	169	1199270	17.548	ng/ul	99
68) 4-Bromophenyl-phenylether	16.562	248	339643	16.112	ng/ul	98
69) Hexachlorobenzene	16.662	284	399544	16.544	ng/ul	98
70) Atrazine	16.833	200	327451	21.859	ng/ul	99
71) Pentachlorophenol	17.009	266	216616	14.837	ng/ul	98
72) Phenanthrene	17.409	178	1978992	16.410	ng/ul	100
74) Anthracene	17.498	178	1988568	16.339	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.421	216	484577	16.583	ng/ul	99
76) Pentachlorobenzene	14.933	250	477390	16.778	ng/ul	97
77) Carbazole	17.774	167	1848598	17.797	ng/ul	99
78) Di-n-butylphthalate	18.339	149	2276448	16.764	ng/ul	100
80) Fluoranthene	19.415	202	1904612	15.809	ng/ul	99
82) Pyrene	19.780	202	1981444	15.998	ng/ul	99
83) Butylbenzylphthalate	20.686	149	883438	16.498	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.462	252	614609	20.251	ng/ul	97
85) Benzo(a)anthracene	21.527	228	1662866	16.138	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	1275523	16.731	ng/ul	99
87) Chrysene	21.580	228	1494128	16.118	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	2011125	16.624	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1493917	15.415	ng/ul	100
91) Benzo(k)fluoranthene	23.268	252	1440389	15.238	ng/ul	99
93) Benzo(a)pyrene	23.850	252	1319824	14.926	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.479	276	1685018	15.960	ng/ul	100
95) Dibenzo(a,h)anthracene	26.503	278	1393892	15.944	ng/ul	100
96) Benzo(g,h,i)perylene	27.250	276	1329299	16.062	ng/ul	99

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

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