

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031425\
 Data File : BM049724.D
 Acq On : 14 Mar 2025 14:48
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV033

Quant Time: Mar 14 15:26:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 14 15:07:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	424002	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	1604958	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	1134654	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	2256000	20.000	ng/u1	0.00
79) Chrysene-d12	21.421	240	1951349	20.000	ng/u1	0.00
88) Perylene-d12	24.438	264	1514299	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	76310	7.414	ng/uL	0.00
4) Pyridine-d5	3.657	84	555198	17.537	ng/u1	0.00
7) Phenol-d5	6.969	99	603161	17.398	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	416493	19.259	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	492754	18.935	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	484416	17.996	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	245744	20.122	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	266180	20.173	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	571272	20.003	ng/u1	0.00
31) 4-Chloroaniline-d4	10.727	131	696538	19.076	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	1632663	19.520	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1956442	20.081	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	271309	19.077	ng/u1	0.00
60) Fluorene-d10	15.433	176	1425988	19.132	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	241663	17.075	ng/u1	0.00
73) Anthracene-d10	17.280	188	2201787	19.229	ng/u1	0.00
81) Pyrene-d10	19.574	212	2371881	19.881	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.227	264	1565411	19.223	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	74563	6.792	ng/uL	96
5) Pyridine	3.675	79	543865	17.209	ng/u1	96
6) Benzaldehyde	6.939	77	437457	23.881	ng/u1	95
8) Phenol	6.998	94	633194	17.799	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.222	93	520755	18.260	ng/u1	96
12) 2-Chlorophenol	7.369	128	522465	19.457	ng/u1	94
13) 2-Methylphenol	8.245	108	476576	18.350	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	617571	17.382	ng/u1	97
16) Acetophenone	8.622	105	825598	18.849	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.610	70	413186	18.251	ng/u1	96
18) 4-Methylphenol	8.575	108	517923	18.085	ng/u1	98
19) Hexachloroethane	8.881	117	219015	18.773	ng/u1	93
22) Nitrobenzene	8.998	77	563914	18.477	ng/u1	95
23) Isophorone	9.528	82	1118883	18.853	ng/u1	98
25) 2-Nitrophenol	9.710	139	297748	20.358	ng/u1	95
26) 2,4-Dimethylphenol	9.775	107	556782	20.703	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.010	93	707955	19.364	ng/u1	99
29) 2,4-Dichlorophenol	10.245	162	564565	19.813	ng/u1	98
30) Naphthalene	10.645	128	1644722	19.721	ng/u1	100
32) 4-Chloroaniline	10.751	127	734620	21.229	ng/u1	100
33) Hexachlorobutadiene	10.939	225	401756	19.651	ng/u1	98
34) Caprolactam	11.527	113	158805	19.633	ng/u1	86
35) 4-Chloro-3-methylphenol	11.886	107	496136	19.390	ng/u1	98
36) 2-Methylnaphthalene	12.257	142	1125497	18.075	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	1178176	19.175	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.627	216	797653	19.390	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	498979	20.202	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	478663	19.975	ng/ul	98
42) 2,4,5-Trichlorophenol	12.945	196	521295	20.254	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	1712684	20.344	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	1333105	20.000	ng/ul	99
45) 2-Nitroaniline	13.516	65	302579	18.541	ng/ul	89
47) Dimethylphthalate	13.898	163	1639025	19.880	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	339985	21.895	ng/ul	91
50) Acenaphthylene	14.163	152	2101051	21.158	ng/ul	100
51) 3-Nitroaniline	14.339	138	339610	22.990	ng/ul	94
52) Acenaphthene	14.504	153	1361266	19.047	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	161955	17.052	ng/ul	94
55) 4-Nitrophenol	14.657	109	198900	18.296	ng/ul	96
56) Dibenzofuran	14.839	168	1991164	19.771	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	461432	20.559	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.068	232	441888	20.859	ng/ul	99
59) Diethylphthalate	15.268	149	1513188	19.074	ng/ul	98
61) Fluorene	15.486	166	1689508	19.342	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	911265	18.828	ng/ul	98
63) 4-Nitroaniline	15.504	138	342901	24.545	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.562	198	271722	17.310	ng/ul	98
67) N-Nitrosodiphenylamine	15.698	169	1385722	20.242	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	509053	18.874	ng/ul	95
69) Hexachlorobenzene	16.492	284	584997	19.212	ng/ul	99
70) Atrazine	16.651	200	501969	19.050	ng/ul	99
71) Pentachlorophenol	16.839	266	327901	16.695	ng/ul	98
72) Phenanthrene	17.227	178	2514498	19.697	ng/ul	99
74) Anthracene	17.315	178	2584432	20.245	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	742993	19.244	ng/ul	100
76) Pentachlorobenzene	14.763	250	700896	18.089	ng/ul	100
77) Carbazole	17.580	167	2228760	20.349	ng/ul	99
78) Di-n-butylphthalate	18.156	149	2466502	19.453	ng/ul	100
80) Fluoranthene	19.239	202	2806982	20.924	ng/ul	99
82) Pyrene	19.603	202	2955904	20.770	ng/ul	99
83) Butylbenzylphthalate	20.503	149	920798	20.232	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.327	252	842131	20.840	ng/ul	99
85) Benzo(a)anthracene	21.403	228	2624721	19.528	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	1316466	19.594	ng/ul	97
87) Chrysene	21.468	228	2385915	19.731	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	1778964	17.846	ng/ul	100
90) Benzo(b)fluoranthene	23.485	252	1995420	19.178	ng/ul	99
91) Benzo(k)fluoranthene	23.544	252	2026828	19.459	ng/ul	100
93) Benzo(a)pyrene	24.291	252	1830945	19.896	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.832	276	1866535	18.877	ng/ul	99
95) Dibenzo(a,h)anthracene	27.891	278	1536957	19.153	ng/ul	99
96) Benzo(g,h,i)perylene	28.885	276	1454189	19.817	ng/ul	98

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

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