

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051722\
 Data File : BM035133.D
 Acq On : 17 May 2022 16:23
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV046

Quant Time: May 17 17:59:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 16:13:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	169982	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	652689	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	396040	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	793362	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	775245	20.000	ng/u1	0.00
88) Perylene-d12	23.862	264	773290	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	30650	7.450	ng/uL	0.00
4) Pyridine-d5	3.781	84	191909	18.083	ng/u1	0.00
7) Phenol-d5	7.069	99	238314	19.024	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.239	67	144862	18.328	ng/u1	0.00
11) 2-Chlorophenol-d4	7.439	132	209583	18.872	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	193480	18.385	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	95588	18.679	ng/u1	0.00
24) 2-Nitrophenol-d4	9.786	143	108509	18.938	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.327	165	196859	19.316	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	254183	18.088	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	529647	18.356	ng/u1	0.00
49) Acenaphthylene-d8	14.233	160	677586	19.649	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	92069	17.998	ng/u1	0.00
60) Fluorene-d10	15.533	176	449191	18.401	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	86634	16.911	ng/u1	0.00
73) Anthracene-d10	17.386	188	681481	18.454	ng/u1	0.00
81) Pyrene-d10	19.680	212	773723	18.739	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.703	264	733849	18.725	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	30652	7.170	ng/uL	97
5) Pyridine	3.798	79	204595	18.601	ng/u1	93
6) Benzaldehyde	7.045	77	147711	23.763	ng/u1	98
8) Phenol	7.098	94	238925	18.134	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.328	93	185299	18.144	ng/u1	97
12) 2-Chlorophenol	7.475	128	210214	18.528	ng/u1	99
13) 2-Methylphenol	8.351	108	179998	18.202	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.445	45	262111	18.067	ng/u1	97
16) Acetophenone	8.728	105	301257	18.482	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.716	70	139258	18.020	ng/u1	97
18) 4-Methylphenol	8.681	108	194081	18.365	ng/u1	99
19) Hexachloroethane	8.992	117	89448	18.137	ng/u1	90
22) Nitrobenzene	9.104	77	224034	18.308	ng/u1	99
23) Isophorone	9.639	82	389790	18.049	ng/u1	99
25) 2-Nitrophenol	9.822	139	114017	18.588	ng/u1	95
26) 2,4-Dimethylphenol	9.886	107	224421	18.563	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.122	93	233830	17.988	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	189093	18.401	ng/u1	97
30) Naphthalene	10.757	128	620784	18.389	ng/u1	100
32) 4-Chloroaniline	10.869	127	254236	18.091	ng/u1	99
33) Hexachlorobutadiene	11.051	225	140582	18.813	ng/u1	97
34) Caprolactam	11.633	113	52028	17.572	ng/u1	97
35) 4-Chloro-3-methylphenol	11.992	107	187707	18.195	ng/u1	97
36) 2-Methylnaphthalene	12.368	142	412639	18.247	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.586	142	418014	18.441	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.739	216	234171	18.388	ng/ul	98
40) Hexachlorocyclopentadiene	12.721	237	155786	17.155	ng/ul	98
41) 2,4,6-Trichlorophenol	12.980	196	149442	18.374	ng/ul	98
42) 2,4,5-Trichlorophenol	13.045	196	158190	18.325	ng/ul	99
43) 1,1'-Biphenyl	13.380	154	549616	17.925	ng/ul	100
44) 2-Chloronaphthalene	13.421	162	428348	18.016	ng/ul	99
45) 2-Nitroaniline	13.621	65	118342	17.714	ng/ul	96
47) Dimethylphthalate	14.004	163	524482	18.154	ng/ul	99
48) 2,6-Dinitrotoluene	14.115	165	105292	18.298	ng/ul	95
50) Acenaphthylene	14.262	152	672544	18.147	ng/ul	98
51) 3-Nitroaniline	14.445	138	75125	13.615	ng/ul	98
52) Acenaphthene	14.610	153	438374	17.761	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	56702	15.041	ng/ul	96
55) 4-Nitrophenol	14.751	109	83172	17.332	ng/ul	91
56) Dibenzofuran	14.945	168	618441	17.916	ng/ul	97
57) 2,4-Dinitrotoluene	14.904	165	150783	18.661	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.168	232	128251	18.339	ng/ul	97
59) Diethylphthalate	15.368	149	530864	18.147	ng/ul	99
61) Fluorene	15.592	166	503166	17.915	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.586	204	260574	18.276	ng/ul	98
63) 4-Nitroaniline	15.604	138	63428	12.687	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.668	198	85990	16.746	ng/ul#	97
67) N-Nitrosodiphenylamine	15.798	169	430106	17.921	ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	153185	18.231	ng/ul	99
69) Hexachlorobenzene	16.598	284	174076	18.142	ng/ul	98
70) Atrazine	16.751	200	159417	17.024	ng/ul	98
71) Pentachlorophenol	16.939	266	107940	16.834	ng/ul	98
72) Phenanthrene	17.327	178	764943	17.807	ng/ul	100
74) Anthracene	17.421	178	782644	17.878	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.345	216	238463	17.255	ng/uL	98
76) Pentachlorobenzene	14.868	250	213650	17.996	ng/uL	98
77) Carbazole	17.692	167	683920	17.654	ng/ul	100
78) Di-n-butylphthalate	18.262	149	902017	16.270	ng/ul	99
80) Fluoranthene	19.345	202	886172	17.868	ng/ul	99
82) Pyrene	19.709	202	918933	18.001	ng/ul	97
83) Butylbenzylphthalate	20.609	149	378280	17.298	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.391	252	249164	15.634	ng/ul	99
85) Benzo(a)anthracene	21.456	228	893041	18.031	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.391	149	573577	17.444	ng/ul	100
87) Chrysene	21.509	228	872023	18.058	ng/ul	99
89) Di-n-octyl phthalate	22.315	149	961114	17.335	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	907225	18.039	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	866584	18.138	ng/ul	99
93) Benzo(a)pyrene	23.756	252	888954	18.142	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.332	276	1015850	18.042	ng/ul	96
95) Dibenzo(a,h)anthracene	26.350	278	869323	17.975	ng/ul	97
96) Benzo(g,h,i)perylene	27.091	276	843181	18.003	ng/ul	97

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

