

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
 Data File : BP019117.D
 Acq On : 27 Dec 2023 16:40
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV643

Quant Time: Dec 28 03:17:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 28 03:15:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	138127	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	537052	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	344482	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	822304	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	911356	20.000	ng/u1	0.00
88) Perylene-d12	23.686	264	1086392	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	26639	6.587	ng/uL	0.00
4) Pyridine-d5	3.652	84	195803	19.289	ng/u1	0.00
7) Phenol-d5	6.981	99	230209	18.585	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	146734	20.476	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	182082	18.234	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	180514	18.718	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	84397	18.179	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	94234	18.782	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	192064	18.957	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	249367	20.010	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	571282	18.775	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	626030	18.962	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	97000	18.879	ng/u1	0.00
60) Fluorene-d10	15.451	176	485297	18.462	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	94801	17.586	ng/u1	0.00
73) Anthracene-d10	17.310	188	782114	18.213	ng/u1	0.00
81) Pyrene-d10	19.557	212	1003046	18.059	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	1121472	17.959	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	26514	5.963	ng/uL	94
5) Pyridine	3.675	79	166025	16.113	ng/u1	99
6) Benzaldehyde	6.952	77	128965	22.423	ng/u1	99
8) Phenol	7.010	94	212814	17.394	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.240	93	171627	17.337	ng/u1	97
12) 2-Chlorophenol	7.369	128	173016	16.928	ng/u1	99
13) 2-Methylphenol	8.257	108	156587	17.301	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.340	45	195275	16.722	ng/u1	98
16) Acetophenone	8.634	105	270148	18.704	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.622	70	125593	17.438	ng/u1	98
18) 4-Methylphenol	8.587	108	170407	17.492	ng/u1	93
19) Hexachloroethane	8.881	117	69669	16.251	ng/u1	91
22) Nitrobenzene	9.016	77	188185	16.592	ng/u1	99
23) Isophorone	9.540	82	343519	16.796	ng/u1	98
25) 2-Nitrophenol	9.722	139	93271	17.411	ng/u1	97
26) 2,4-Dimethylphenol	9.793	107	148372	15.732	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	224442	16.603	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	173851	17.559	ng/u1	99
30) Naphthalene	10.657	128	537756	16.608	ng/u1	99
32) 4-Chloroaniline	10.775	127	225280	18.839	ng/u1	100
33) Hexachlorobutadiene	10.934	225	128756	16.898	ng/u1	98
34) Caprolactam	11.557	113	49114	18.780	ng/u1	96
35) 4-Chloro-3-methylphenol	11.904	107	172013	17.699	ng/u1	98
36) 2-Methylnaphthalene	12.269	142	367914	16.853	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	363882	16.529	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.640	216	249053	17.554	ng/ul	98
40) Hexachlorocyclopentadiene	12.616	237	114286	14.513	ng/ul	97
41) 2,4,6-Trichlorophenol	12.887	196	142922	16.880	ng/ul	97
42) 2,4,5-Trichlorophenol	12.957	196	153807	17.113	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	509442	16.953	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	397307	16.477	ng/ul	99
45) 2-Nitroaniline	13.540	65	99721	17.227	ng/ul	96
47) Dimethylphthalate	13.922	163	508350	16.925	ng/ul	100
48) 2,6-Dinitrotoluene	14.040	165	104927	19.011	ng/ul	99
50) Acenaphthylene	14.175	152	631963	17.013	ng/ul	100
51) 3-Nitroaniline	14.369	138	105662	19.583	ng/ul	95
52) Acenaphthene	14.516	153	409347	16.260	ng/ul	100
53) 2,4-Dinitrophenol	14.581	184	57087	16.055	ng/ul	96
55) 4-Nitrophenol	14.681	109	73632	17.932	ng/ul	96
56) Dibenzofuran	14.851	168	618689	17.209	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	143742	17.709	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.081	232	147094	18.732	ng/ul	99
59) Diethylphthalate	15.286	149	491367	16.873	ng/ul	99
61) Fluorene	15.504	166	486409	16.903	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	261433	16.636	ng/ul	98
63) 4-Nitroaniline	15.534	138	108520	19.990	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.592	198	88894	15.574	ng/ul#	97
67) N-Nitrosodiphenylamine	15.722	169	429542	17.116	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	168976	16.533	ng/ul	97
69) Hexachlorobenzene	16.510	284	205647	16.464	ng/ul	99
70) Atrazine	16.681	200	162048	22.880	ng/ul	99
71) Pentachlorophenol	16.863	266	117079	15.965	ng/ul	97
72) Phenanthrene	17.251	178	809509	16.244	ng/ul	99
74) Anthracene	17.345	178	810235	16.332	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	304651	21.308	ng/uL	99
76) Pentachlorobenzene	14.769	250	233476	16.433	ng/uL	98
77) Carbazole	17.622	167	747688	18.118	ng/ul	100
78) Di-n-butylphthalate	18.180	149	862539	16.853	ng/ul	100
80) Fluoranthene	19.227	202	1037515	16.279	ng/ul	99
82) Pyrene	19.586	202	1093672	16.378	ng/ul	98
83) Butylbenzylphthalate	20.469	149	401377	16.827	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	446846	19.600	ng/ul	99
85) Benzo(a)anthracene	21.298	228	1172089	16.278	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	602199	17.145	ng/ul	99
87) Chrysene	21.351	228	1082326	16.119	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	1047377	16.859	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	1251091	16.395	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	1158397	15.449	ng/ul	100
93) Benzo(a)pyrene	23.580	252	1091540	15.198	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.145	276	1475058	16.021	ng/ul	99
95) Dibenzo(a,h)anthracene	26.162	278	1229343	16.050	ng/ul	99
96) Benzo(g,h,i)perylene	26.898	276	1187707	16.097	ng/ul	98

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

