

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010824\
 Data File : BP019307.D
 Acq On : 08 Jan 2024 22:24
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV601

Quant Time: Jan 09 03:06:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 09 03:05:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	126901	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	520607	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	363251	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	913349	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	995793	20.000	ng/u1	0.00
88) Perylene-d12	23.639	264	1025877	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	27781	8.278	ng/uL	0.00
4) Pyridine-d5	3.640	84	197708	20.373	ng/u1	0.00
7) Phenol-d5	6.975	99	246522	20.325	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	150478	20.742	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	176182	21.146	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	199551	20.738	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	93545	21.358	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	110986	21.809	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	218902	21.291	ng/u1	0.00
31) 4-Chloroaniline-d4	10.734	131	270991	20.866	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	679814	21.183	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	721120	20.962	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	111397	22.605	ng/u1	0.00
60) Fluorene-d10	15.422	176	573985	21.846	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	131608	19.517	ng/u1	0.00
73) Anthracene-d10	17.286	188	960816	21.092	ng/u1	0.00
81) Pyrene-d10	19.527	212	1233591	18.998	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.486	264	1186367	21.268	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	28944	8.326	ng/uL	96
5) Pyridine	3.658	79	200543	20.343	ng/u1	91
6) Benzaldehyde	6.934	77	138905	26.269	ng/u1	99
8) Phenol	6.999	94	249079	20.384	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.216	93	201928	20.602	ng/u1	98
12) 2-Chlorophenol	7.352	128	183605	21.321	ng/u1	100
13) 2-Methylphenol	8.246	108	189123	20.635	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.310	45	247492	21.221	ng/u1	99
16) Acetophenone	8.616	105	330620	21.571	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.599	70	174256	21.820	ng/u1	97
18) 4-Methylphenol	8.575	108	205684	21.081	ng/u1	98
19) Hexachloroethane	8.852	117	81347	20.913	ng/u1	97
22) Nitrobenzene	8.993	77	261204	21.318	ng/u1	98
23) Isophorone	9.522	82	506911	21.341	ng/u1	99
25) 2-Nitrophenol	9.704	139	115002	21.513	ng/u1	99
26) 2,4-Dimethylphenol	9.769	107	246123	21.354	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.004	93	292385	21.402	ng/u1	98
29) 2,4-Dichlorophenol	10.240	162	212628	21.460	ng/u1	99
30) Naphthalene	10.628	128	620589	21.155	ng/u1	100
32) 4-Chloroaniline	10.757	127	269184	21.186	ng/u1	100
33) Hexachlorobutadiene	10.904	225	174083	20.364	ng/u1	98
34) Caprolactam	11.546	113	68734	22.120	ng/u1	100
35) 4-Chloro-3-methylphenol	11.893	107	239275	21.752	ng/u1	96
36) 2-Methylnaphthalene	12.245	142	455380	21.335	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	449803	21.539	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	330602	21.002	ng/ul	98
40) Hexachlorocyclopentadiene	12.587	237	182220	18.036	ng/ul	97
41) 2,4,6-Trichlorophenol	12.863	196	208633	21.537	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	223451	21.525	ng/ul	99
43) 1,1'-Biphenyl	13.263	154	646591	21.547	ng/ul	100
44) 2-Chloronaphthalene	13.304	162	523050	21.553	ng/ul	99
45) 2-Nitroaniline	13.522	65	162026	23.277	ng/ul	95
47) Dimethylphthalate	13.898	163	674463	21.146	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	140053	22.206	ng/ul	98
50) Acenaphthylene	14.151	152	794161	21.077	ng/ul	100
51) 3-Nitroaniline	14.351	138	124266	22.589	ng/ul	99
52) Acenaphthene	14.492	153	526751	21.336	ng/ul	98
53) 2,4-Dinitrophenol	14.569	184	79760	19.287	ng/ul	98
55) 4-Nitrophenol	14.681	109	118598	22.285	ng/ul	98
56) Dibenzofuran	14.828	168	767238	21.706	ng/ul	100
57) 2,4-Dinitrotoluene	14.816	165	208384	23.548	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.063	232	207176	22.480	ng/ul	98
59) Diethylphthalate	15.257	149	661807	22.173	ng/ul	99
61) Fluorene	15.481	166	641762	22.167	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.475	204	374422	21.672	ng/ul	99
63) 4-Nitroaniline	15.522	138	117005	27.434	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.581	198	140688	19.685	ng/ul	94
67) N-Nitrosodiphenylamine	15.692	169	550912	20.461	ng/ul	100
68) 4-Bromophenyl-phenylether	16.375	248	247772	19.860	ng/ul	96
69) Hexachlorobenzene	16.481	284	292213	20.324	ng/ul	99
70) Atrazine	16.657	200	242410	20.654	ng/ul	100
71) Pentachlorophenol	16.839	266	175287	19.629	ng/ul	99
72) Phenanthrene	17.228	178	1081871	21.087	ng/ul	100
74) Anthracene	17.316	178	1104871	21.244	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	327094	19.342	ng/ul	99
76) Pentachlorobenzene	14.745	250	318444	19.384	ng/ul	99
77) Carbazole	17.598	167	954057	21.562	ng/ul	99
78) Di-n-butylphthalate	18.145	149	1163001	21.963	ng/ul	98
80) Fluoranthene	19.204	202	1433282	18.674	ng/ul	99
82) Pyrene	19.557	202	1472061	18.896	ng/ul	99
83) Butylbenzylphthalate	20.433	149	547142	20.472	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.210	252	494820	21.885	ng/ul	99
85) Benzo(a)anthracene	21.269	228	1588503	20.492	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	794198	20.702	ng/ul	100
87) Chrysene	21.321	228	1459036	20.591	ng/ul	100
89) Di-n-octyl phthalate	22.104	149	1370725	19.576	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	1540054	21.007	ng/ul	99
91) Benzo(k)fluoranthene	22.968	252	1491130	20.966	ng/ul	99
93) Benzo(a)pyrene	23.539	252	1391218	21.118	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.080	276	1535252	19.706	ng/ul	99
95) Dibenzo(a,h)anthracene	26.098	278	1271981	19.722	ng/ul	100
96) Benzo(g,h,i)perylene	26.833	276	1195573	19.108	ng/ul	99

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

