

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092824\
 Data File : BM047695.D
 Acq On : 28 Sep 2024 17:20
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020148

Quant Time: Sep 29 00:40:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	210523	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	851865	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	534255	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1054751	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	984107	20.000	ng/u1	0.00
88) Perylene-d12	24.415	264	1134981	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	47735	7.328	ng/uL	0.00
4) Pyridine-d5	3.675	84	346091	18.144	ng/u1	0.00
7) Phenol-d5	6.975	99	372003	18.687	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	245176	17.356	ng/u1	0.00
11) 2-Chlorophenol-d4	7.345	132	300138	20.723	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	287627	19.433	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	144125	21.249	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	147021	22.619	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.227	165	280802	21.626	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	405518	20.202	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	779577	20.127	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	911417	19.846	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	151693	19.670	ng/u1	0.00
60) Fluorene-d10	15.439	176	670038	19.971	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	97459	15.790	ng/u1	0.00
73) Anthracene-d10	17.280	188	1025634	19.776	ng/u1	0.00
81) Pyrene-d10	19.568	212	1164665	20.852	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.209	264	1217846	20.681	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	52092	7.321	ng/uL	91
5) Pyridine	3.693	79	365595	18.206	ng/u1	95
6) Benzaldehyde	6.951	77	247682	22.878	ng/u1	97
8) Phenol	7.004	94	388955	18.363	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.234	93	313072	18.549	ng/u1	96
12) 2-Chlorophenol	7.381	128	308010	20.074	ng/u1	97
13) 2-Methylphenol	8.251	108	286750	19.415	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.333	45	542016	17.059	ng/u1	97
16) Acetophenone	8.633	105	474623	18.741	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.622	70	259048	19.312	ng/u1	95
18) 4-Methylphenol	8.581	108	318752	19.204	ng/u1	98
19) Hexachloroethane	8.898	117	131694	19.095	ng/u1	89
22) Nitrobenzene	9.010	77	363233	18.852	ng/u1	95
23) Isophorone	9.539	82	692365	20.088	ng/u1	97
25) 2-Nitrophenol	9.722	139	162165	21.809	ng/u1	93
26) 2,4-Dimethylphenol	9.780	107	320315	20.104	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.016	93	406841	19.299	ng/u1	98
29) 2,4-Dichlorophenol	10.257	162	283436	21.141	ng/u1	98
30) Naphthalene	10.657	128	973016	19.858	ng/u1	99
32) 4-Chloroaniline	10.763	127	390964	19.780	ng/u1	99
33) Hexachlorobutadiene	10.951	225	180014	20.321	ng/u1	97
34) Caprolactam	11.527	113	94144	21.956	ng/u1	93
35) 4-Chloro-3-methylphenol	11.886	107	301615	21.732	ng/u1	99
36) 2-Methylnaphthalene	12.269	142	638582	20.511	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	651268	20.560	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.639	216	332694	19.130	ng/ul	97
40) Hexachlorocyclopentadiene	12.627	237	196466	18.677	ng/ul	99
41) 2,4,6-Trichlorophenol	12.880	196	218449	21.709	ng/ul	98
42) 2,4,5-Trichlorophenol	12.945	196	233320	21.204	ng/ul	96
43) 1,1'-Biphenyl	13.280	154	828082	19.359	ng/ul	98
44) 2-Chloronaphthalene	13.321	162	639263	19.323	ng/ul	98
45) 2-Nitroaniline	13.521	65	200555	19.097	ng/ul	90
47) Dimethylphthalate	13.904	163	775438	19.768	ng/ul	100
48) 2,6-Dinitrotoluene	14.015	165	147129	21.357	ng/ul	92
50) Acenaphthylene	14.168	152	1016494	19.626	ng/ul	99
51) 3-Nitroaniline	14.345	138	171060	20.516	ng/ul	93
52) Acenaphthene	14.510	153	702264	19.182	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	61992	14.563	ng/ul#	84
55) 4-Nitrophenol	14.651	109	120724	18.645	ng/ul	95
56) Dibenzofuran	14.845	168	957418	19.427	ng/ul	98
57) 2,4-Dinitrotoluene	14.798	165	219394	21.203	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.068	232	194149	22.384	ng/ul#	98
59) Diethylphthalate	15.268	149	786487	20.039	ng/ul	99
61) Fluorene	15.492	166	776658	18.890	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	379501	19.533	ng/ul	99
63) 4-Nitroaniline	15.504	138	179283	22.140	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.562	198	111856	16.355	ng/ul	91
67) N-Nitrosodiphenylamine	15.698	169	648680	19.736	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	222797	20.492	ng/ul	98
69) Hexachlorobenzene	16.498	284	263520	20.828	ng/ul	93
70) Atrazine	16.645	200	226840	20.733	ng/ul	97
71) Pentachlorophenol	16.833	266	210270	26.136	ng/ul	99
72) Phenanthrene	17.227	178	1182214	19.113	ng/ul	99
74) Anthracene	17.315	178	1213548	19.236	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	331760	18.997	ng/ul	98
76) Pentachlorobenzene	14.768	250	328967	19.298	ng/ul	98
77) Carbazole	17.586	167	1119878	19.584	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1324778	20.809	ng/ul	99
80) Fluoranthene	19.239	202	1359551	20.668	ng/ul	98
82) Pyrene	19.597	202	1462336	19.973	ng/ul	98
83) Butylbenzylphthalate	20.492	149	599464	23.160	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.315	252	458701	22.059	ng/ul	99
85) Benzo(a)anthracene	21.391	228	1394130	20.233	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.321	149	869305	22.369	ng/ul#	97
87) Chrysene	21.450	228	1330677	19.810	ng/ul	98
89) Di-n-octyl phthalate	22.456	149	1487057	20.313	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	1410024	19.921	ng/ul	99
91) Benzo(k)fluoranthene	23.527	252	1379034	19.054	ng/ul	99
93) Benzo(a)pyrene	24.274	252	1317630	19.601	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.809	276	1705844	19.802	ng/ul	99
95) Dibenzo(a,h)anthracene	27.868	278	1394428	19.752	ng/ul	98
96) Benzo(g,h,i)perylene	28.862	276	1324130	19.618	ng/ul	97

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

