

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
 Data File : BM044997.D
 Acq On : 07 Apr 2024 08:12
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020090

Quant Time: Apr 08 05:09:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 08 05:01:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	80709	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	353972	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.280	164	226164	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	473064	20.000	ng/u1	0.00
79) Chrysene-d12	21.244	240	468084	20.000	ng/u1	0.00
88) Perylene-d12	23.468	264	561981	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	17911	8.287	ng/uL	0.00
4) Pyridine-d5	3.604	84	123317	20.981	ng/u1	0.00
7) Phenol-d5	6.816	99	147063	21.494	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	87021	21.347	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	122124	22.782	ng/u1	0.00
15) 4-Methylphenol-d8	8.339	113	117920	22.018	ng/u1	0.00
21) Nitrobenzene-d5	8.792	128	58205	21.407	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	63466	22.115	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.033	165	118078	22.441	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	170338	20.333	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	320107	20.328	ng/u1	0.00
49) Acenaphthylene-d8	13.968	160	398395	21.415	ng/u1	0.00
54) 4-Nitrophenol-d4	14.515	143	59903	18.227	ng/u1	0.00
60) Fluorene-d10	15.280	176	292768	20.854	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.421	200	50096	17.860	ng/u1	0.00
73) Anthracene-d10	17.139	188	453089	21.291	ng/u1	0.00
81) Pyrene-d10	19.445	212	521043	22.607	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.327	264	584918	21.336	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	18905	8.375	ng/uL#	89
5) Pyridine	3.622	79	127410	20.459	ng/u1	97
6) Benzaldehyde	6.798	77	88509	27.905	ng/u1	98
8) Phenol	6.839	94	156386	22.072	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.075	93	119224	21.561	ng/u1	96
12) 2-Chlorophenol	7.198	128	125205	22.260	ng/u1	95
13) 2-Methylphenol	8.075	108	114347	21.864	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.151	45	144636	21.930	ng/u1	99
16) Acetophenone	8.457	105	184052	21.138	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.439	70	91105	22.160	ng/u1	96
18) 4-Methylphenol	8.404	108	122485	21.729	ng/u1	95
19) Hexachloroethane	8.681	117	54310	21.953	ng/u1	97
22) Nitrobenzene	8.833	77	143697	21.541	ng/u1	96
23) Isophorone	9.357	82	258914	21.125	ng/u1	99
25) 2-Nitrophenol	9.533	139	70126	22.016	ng/u1#	87
26) 2,4-Dimethylphenol	9.598	107	131916	21.481	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.839	93	157116	21.624	ng/u1	97
29) 2,4-Dichlorophenol	10.063	162	116745	21.961	ng/u1	97
30) Naphthalene	10.457	128	392872	20.966	ng/u1	100
32) 4-Chloroaniline	10.586	127	164591	20.192	ng/u1	100
33) Hexachlorobutadiene	10.722	225	69899	21.148	ng/u1	99
34) Caprolactam	11.380	113	33003	18.389	ng/u1	95
35) 4-Chloro-3-methylphenol	11.716	107	119496	22.612	ng/u1	98
36) 2-Methylnaphthalene	12.074	142	260486	21.291	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	264049	21.327	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.445	216	132165	21.368	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	61205	16.347	ng/ul	96
41) 2,4,6-Trichlorophenol	12.704	196	92338	22.886	ng/ul	94
42) 2,4,5-Trichlorophenol	12.774	196	96770	21.767	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	335032	20.978	ng/ul	97
44) 2-Chloronaphthalene	13.145	162	275225	21.212	ng/ul	99
45) 2-Nitroaniline	13.374	65	80156	22.380	ng/ul	94
47) Dimethylphthalate	13.751	163	334230	20.306	ng/ul	100
48) 2,6-Dinitrotoluene	13.880	165	68380	21.196	ng/ul	90
50) Acenaphthylene	13.998	152	458874	21.120	ng/ul	99
51) 3-Nitroaniline	14.215	138	74779	21.250	ng/ul	91
52) Acenaphthene	14.345	153	305695	21.085	ng/ul	98
53) 2,4-Dinitrophenol	14.427	184	29197	15.222	ng/ul	94
55) 4-Nitrophenol	14.527	109	52638	18.212	ng/ul	93
56) Dibenzofuran	14.680	168	417203	21.029	ng/ul	98
57) 2,4-Dinitrotoluene	14.674	165	102179	21.159	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.915	232	82913	21.792	ng/ul	94
59) Diethylphthalate	15.127	149	344080	20.491	ng/ul	99
61) Fluorene	15.339	166	345398	20.656	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.339	204	163586	20.872	ng/ul	98
63) 4-Nitroaniline	15.386	138	69008	21.569	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.439	198	53784	17.905	ng/ul	95
67) N-Nitrosodiphenylamine	15.557	169	279108	21.871	ng/ul	98
68) 4-Bromophenyl-phenylether	16.233	248	101609	22.054	ng/ul	97
69) Hexachlorobenzene	16.333	284	126901	21.174	ng/ul	96
70) Atrazine	16.521	200	95204	20.281	ng/ul	99
71) Pentachlorophenol	16.692	266	70400	19.338	ng/ul	94
72) Phenanthrene	17.080	178	531108	20.863	ng/ul	98
74) Anthracene	17.174	178	547607	21.029	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	132014	22.141	ng/ul	99
76) Pentachlorobenzene	14.592	250	139713	22.023	ng/ul	97
77) Carbazole	17.456	167	496330	19.766	ng/ul	100
78) Di-n-butylphthalate	18.021	149	626389	22.120	ng/ul	100
80) Fluoranthene	19.109	202	618509	22.752	ng/ul	99
82) Pyrene	19.474	202	656278	22.371	ng/ul	99
83) Butylbenzylphthalate	20.397	149	291262	23.698	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.174	252	211381	20.310	ng/ul	96
85) Benzo(a)anthracene	21.233	228	683437	21.518	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.174	149	465980	24.254	ng/ul	99
87) Chrysene	21.286	228	624825	21.103	ng/ul	100
89) Di-n-octyl phthalate	22.056	149	791105	22.374	ng/ul	100
90) Benzo(b)fluoranthene	22.803	252	740936	22.621	ng/ul	98
91) Benzo(k)fluoranthene	22.844	252	692181	20.996	ng/ul	99
93) Benzo(a)pyrene	23.374	252	677573	21.255	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.703	276	868109	21.023	ng/ul	99
95) Dibenzo(a,h)anthracene	25.715	278	723813	20.966	ng/ul	99
96) Benzo(g,h,i)perylene	26.385	276	676988	20.782	ng/ul	99

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

