Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034558.D
Acq On : 08 Apr 2022 11:26
Operator : CG/JU
Sample : SSTD02006
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 08 13:12:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 13:09:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.878	152	107793	20.000 ng/ul	0.00
20) Naphthalene-d8	10.689	136	423541	20.000 ng/ul	# 0.00
38) Acenaphthene-d10	14.524	164	239143	20.000 ng/ul	0.00
64) Phenanthrene-d10	17.265	188	466854	20.000 ng/ul	# 0.00
79) Chrysene-d12	21.447	240	468356	20.000 ng/ul	# 0.03
88) Perylene-d12	23.824	264	494064	20.000 ng/ul	-0.02
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.254	96	24696	10.001 ng/uL	0.00
4) Pyridine-d5	3.678	84	138857m	23.618 ng/ul	0.01
7) Phenol-d5	7.037	99	167659	23.242 ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	118547	28.013 ng/ul	0.00
11) 2-Chlorophenol-d4	7.407	132	138929	22.285 ng/ul	0.00
15) 4-Methylphenol-d8	8.589	113	131467	21.309 ng/ul	0.00
21) Nitrobenzene-d5	9.042	128	63639m	20.947 ng/ul	0.00
24) 2-Nitrophenol-d4	9.766	143	66486	19.736 ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	126552	18.739 ng/ul	0.00
31) 4-Chloroaniline-d4	10.825	131	153259	18.248 ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	346672	19.923 ng/ul	0.02
49) Acenaphthylene-d8	14.218	160	447853	20.265 ng/ul	0.00
54) 4-Nitrophenol-d4	14.718	143	43623	16.095 ng/ul	0.03
60) Fluorene-d10	15.513	176	298531	19.599 ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	51592	17.466 ng/ul	0.02
73) Anthracene-d10	17.365	188	444806	20.172 ng/ul	0.02
81) Pyrene-d10	19.653	212	522244	20.482 ng/ul	0.02
92) Benzo(a)pyrene-d12	23.671	264	503534	20.658 ng/ul	-0.01
Target Compounds					Qvalue
2) 1,4-Dioxane	3.290	88	24143	9.868 ng/uL#	82
5) Pyridine	3.696	79	156459	25.679 ng/ul#	72
6) Benzaldehyde	7.007	77	116070	30.917 ng/ul	91
8) Phenol	7.066	94	172359	24.216 ng/ul	97
10) Bis(2-Chloroethyl)ether	7.295	93	143050	24.108 ng/ul	88
12) 2-Chlorophenol	7.437	128	142162	22.602 ng/ul#	86
13) 2-Methylphenol	8.325	108	124516	21.861 ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.413	45	217762	39.798 ng/ul#	86
16) Acetophenone	8.701	105	206745	21.342 ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.689	70	115978	25.444 ng/ul#	86
18) 4-Methylphenol	8.654	108	135002	21.986 ng/ul	99
19) Hexachloroethane	8.966	117	63464	22.372 ng/ul	86
22) Nitrobenzene	9.084	77	167596	25.416 ng/ul	93
23) Isophorone	9.613	82	285305	22.893 ng/ul#	92
25) 2-Nitrophenol	9.801	139	70738	20.506 ng/ul#	88
26) 2,4-Dimethylphenol	9.860	107	156307	21.930 ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.095	93	176440	23.014 ng/ul	97
29) 2,4-Dichlorophenol	10.336	162	122352	18.773 ng/ul	95
30) Naphthalene	10.736	128	441919	20.893 ng/ul	98
32) 4-Chloroaniline	10.848	127	154356	18.478 ng/ul	98
33) Hexachlorobutadiene	11.030	225	85695	15.913 ng/ul	98
34) Caprolactam	11.613	113	35134m	19.269 ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	126813	20.975 ng/ul	93
36) 2-Methylnaphthalene	12.354	142	282603	19.455 ng/ul	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.572	142	288010	19.412 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.724	216	147172	17.837 ng/ul#	97
40) Hexachlorocyclopentadiene	12.707	237	92216	15.666 ng/ul	92
41) 2,4,6-Trichlorophenol	12.960	196	88414	18.288 ng/ul	99
42) 2,4,5-Trichlorophenol	13.036	196	92474	17.649 ng/ul	98
43) 1,1'-Biphenyl	13.360	154	374500	21.082 ng/ul#	97
44) 2-Chloronaphthalene	13.401	162	285774	20.353 ng/ul	97
45) 2-Nitroaniline	13.607	65	76667	27.530 ng/ul#	83
47) Dimethylphthalate	13.983	163	344587	20.285 ng/ul	100
48) 2,6-Dinitrotoluene	14.101	165	65911	19.899 ng/ul	91
50) Acenaphthylene	14.248	152	460051	21.249 ng/ul	99
51) 3-Nitroaniline	14.430	138	53444m	18.531 ng/ul	
52) Acenaphthene	14.589	153	302350	21.292 ng/ul	100
53) 2,4-Dinitrophenol	14.636	184	27552	12.794 ng/ul#	75
55) 4-Nitrophenol	14.736	109	36090	16.000 ng/ul#	84
56) Dibenzofuran	14.924	168	419165	20.382 ng/ul	95
57) 2,4-Dinitrotoluene	14.889	165	94357	20.702 ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.148	232	80390	17.946 ng/ul#	86
59) Diethylphthalate	15.342	149	347905	21.435 ng/ul	98
61) Fluorene	15.571	166	344810	20.616 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.565	204	166351	18.345 ng/ul	93
63) 4-Nitroaniline	15.589	138	46369m	18.992 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.648	198	51634	17.884 ng/ul#	82
67) N-Nitrosodiphenylamine	15.777	169	288037	21.332 ng/ul	99
68) 4-Bromophenyl-phenylether	16.460	248	97609	18.557 ng/ul#	89
69) Hexachlorobenzene	16.577	284	117958	17.979 ng/ul#	92
70) Atrazine	16.730	200	100442	18.880 ng/ul	98
71) Pentachlorophenol	16.918	266	66661	16.892 ng/ul	98
72) Phenanthrene	17.307	178	521446	20.978 ng/ul	99
74) Anthracene	17.401	178	522157	21.167 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.330	216	152393	18.461 ng/uL	99
76) Pentachlorobenzene	14.848	250	142348	18.331 ng/uL	97
77) Carbazole	17.671	167	396333	19.770 ng/ul	97
78) Di-n-butylphthalate	18.236	149	556403	23.213 ng/ul	99
80) Fluoranthene	19.324	202	579655	19.980 ng/ul#	90
82) Pyrene	19.689	202	614183	20.400 ng/ul#	90
83) Butylbenzylphthalate	20.583	149	245298	24.340 ng/ul#	85
84) 3,3'-Dichlorobenzidine	21.365	252	156974	16.906 ng/ul#	97
85) Benzo(a)anthracene	21.430	228	540913	19.761 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.359	149	362888	24.210 ng/ul#	98
87) Chrysene	21.483	228	597574	20.279 ng/ul	99
89) Di-n-octyl phthalate	22.277	149	627751	23.712 ng/ul	100
90) Benzo(b)fluoranthene	23.100	252	591423	20.418 ng/ul#	98
91) Benzo(k)fluoranthene	23.147	252	632008	21.407 ng/ul#	97
93) Benzo(a)pyrene	23.718	252	586317	20.294 ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.306	276	622300	19.700 ng/ul#	94
95) Dibenzo(a,h)anthracene	26.318	278	504141	19.049 ng/ul#	97
96) Benzo(g,h,i)perylene	27.065	276	598969	20.390 ng/ul#	94

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

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