

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018483.D
 Acq On : 05 Jun 2024 14:33
 Operator : SY/MD
 Sample : VY0605SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0605SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/06/2024
 Supervised By :Semsettin Yesilyurt 06/06/2024

Quant Time: Jun 06 05:55:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	44102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	69896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	60908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	38848	44.854	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.700%		
35) Dibromofluoromethane	7.710	113	42104	47.504	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.000%		
50) Toluene-d8	10.173	98	170371	48.318	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.640%		
62) 4-Bromofluorobenzene	12.477	95	50740	46.218	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	92.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	15815	22.580	ug/l	100
3) Chloromethane	2.101	50	32502	24.883	ug/l	99
4) Vinyl Chloride	2.241	62	39751	25.442	ug/l	98
5) Bromomethane	2.637	94	25406	24.373	ug/l	88
6) Chloroethane	2.778	64	25756	26.110	ug/l	94
7) Trichlorofluoromethane	3.107	101	37597	23.258	ug/l	94
8) Diethyl Ether	3.509	74	9182	18.878	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.881	101	20624	21.910	ug/l	92
10) Methyl Iodide	4.076	142	19724	21.333	ug/l	95
11) Tert butyl alcohol	4.930	59	7882	22.802	ug/l #	82
12) 1,1-Dichloroethene	3.857	96	20836	22.520	ug/l	86
13) Acrolein	3.723	56	4893	55.193	ug/l	99
14) Allyl chloride	4.466	41	30308	22.368	ug/l	93
15) Acrylonitrile	5.143	53	18244	82.018	ug/l	96
16) Acetone	3.930	43	16425	85.445	ug/l	89
17) Carbon Disulfide	4.174	76	59393	21.883	ug/l	99
18) Methyl Acetate	4.460	43	8559	17.805	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	42173	18.913	ug/l	100
20) Methylene Chloride	4.698	84	29794	25.728	ug/l #	87
21) trans-1,2-Dichloroethene	5.198	96	22156	22.440	ug/l	91
22) Diisopropyl ether	6.100	45	61055	22.126	ug/l #	89
23) Vinyl Acetate	6.039	43	166944	92.960	ug/l #	92
24) 1,1-Dichloroethane	5.997	63	36967	21.478	ug/l	96
25) 2-Butanone	6.978	43	22978	78.027	ug/l	93
26) 2,2-Dichloropropane	6.966	77	30718	20.306	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	23646	20.589	ug/l	88
28) Bromochloromethane	7.326	49	15006	18.946	ug/l	82
29) Tetrahydrofuran	7.338	42	16433	85.924	ug/l	89
30) Chloroform	7.496	83	36601	21.202	ug/l	92
31) Cyclohexane	7.771	56	36970	22.894	ug/l	96
32) 1,1,1-Trichloroethane	7.685	97	33762	22.330	ug/l	96
36) 1,1-Dichloropropene	7.905	75	30361	22.466	ug/l	96
37) Ethyl Acetate	7.063	43	11122	16.474	ug/l	99
38) Carbon Tetrachloride	7.893	117	28346	20.931	ug/l	90
39) Methylcyclohexane	9.173	83	38128	20.870	ug/l	94
40) Benzene	8.149	78	87764	21.674	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.289	41	6091	18.548	ug/l #	68
42) 1,2-Dichloroethane	8.228	62	19142	19.444	ug/l	98
43) Isopropyl Acetate	8.264	43	21867	17.322	ug/l	93
44) Trichloroethene	8.935	130	21511	21.437	ug/l	98
45) 1,2-Dichloropropane	9.209	63	19038	20.558	ug/l	96
46) Dibromomethane	9.295	93	9892	18.631	ug/l	90
47) Bromodichloromethane	9.490	83	26214	20.568	ug/l	97
48) Methyl methacrylate	9.289	41	10096	17.383	ug/l	87
49) 1,4-Dioxane	9.289	88	2115	303.344	ug/l #	89
51) 4-Methyl-2-Pentanone	10.063	43	54112	82.550	ug/l	92
52) Toluene	10.240	92	54252	21.783	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	21439	18.318	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	28300	19.638	ug/l #	92
55) 1,1,2-Trichloroethane	10.636	97	13007	18.830	ug/l	97
56) Ethyl methacrylate	10.508	69	17496	17.999	ug/l #	80
57) 1,3-Dichloropropane	10.782	76	23009	19.621	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	40356	77.312	ug/l	97
59) 2-Hexanone	10.825	43	37904	83.677	ug/l	92
60) Dibromochloromethane	10.977	129	14770	17.502	ug/l	96
61) 1,2-Dibromoethane	11.087	107	11672	17.944	ug/l	99
64) Tetrachloroethene	10.715	164	19206	21.407	ug/l	96
65) Chlorobenzene	11.508	112	53091	20.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	16024	18.973	ug/l	97
67) Ethyl Benzene	11.587	91	101085	21.262	ug/l	99
68) m/p-Xylenes	11.697	106	75295	42.060	ug/l	96
69) o-Xylene	12.026	106	34409	19.967	ug/l	93
70) Styrene	12.038	104	55820	19.825	ug/l	98
71) Bromoform	12.203	173	7115	15.991	ug/l #	97
73) Isopropylbenzene	12.325	105	93099	22.213	ug/l	100
74) N-amyl acetate	12.142	43	19072	18.695	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.575	83	14681	19.899	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	9261m	18.388	ug/l	
77) Bromobenzene	12.605	156	17486	19.650	ug/l	87
78) n-propylbenzene	12.666	91	114721	22.806	ug/l	97
79) 2-Chlorotoluene	12.751	91	60907	22.272	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	72887	22.329	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	4202	17.529	ug/l	87
82) 4-Chlorotoluene	12.849	91	60960	22.152	ug/l	99
83) tert-Butylbenzene	13.069	119	67372	22.320	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	72113	22.565	ug/l	96
85) sec-Butylbenzene	13.251	105	100868	22.690	ug/l	99
86) p-Isopropyltoluene	13.367	119	79146	22.060	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	36500	20.793	ug/l	96
88) 1,4-Dichlorobenzene	13.440	146	35130	20.371	ug/l	97
89) n-Butylbenzene	13.690	91	76825	22.534	ug/l	98
90) Hexachloroethane	13.959	117	13906	20.679	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	30867	20.208	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2077	18.500	ug/l	72
93) 1,2,4-Trichlorobenzene	15.001	180	15008	18.167	ug/l	98
94) Hexachlorobutadiene	15.105	225	8080	18.416	ug/l	98
95) Naphthalene	15.233	128	28323	17.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	12773	18.274	ug/l	97

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

