

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061324\
 Data File : VY018578.D
 Acq On : 13 Jun 2024 16:46
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2024
 Supervised By :Mahesh Dadoda 06/14/2024

Quant Time: Jun 14 06:48:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 06:38:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	156715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	269240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	239963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	26274	16.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	33.300%#
35) Dibromofluoromethane	7.703	113	27523	16.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	33.520%#
50) Toluene-d8	10.172	98	106039	16.789	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	33.580%#
62) 4-Bromofluorobenzene	12.477	95	31863	15.976	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	31.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	16508	15.994	ug/l	99
3) Chloromethane	2.101	50	34959	16.445	ug/l	95
4) Vinyl Chloride	2.241	62	43229	16.421	ug/l	99
5) Bromomethane	2.625	94	32236	16.474	ug/l	95
6) Chloroethane	2.777	64	29191	16.926	ug/l	97
7) Trichlorofluoromethane	3.101	101	49765	17.554	ug/l	100
8) Diethyl Ether	3.515	74	13677	16.920	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.881	101	25380	17.134	ug/l	96
10) Methyl Iodide	4.064	142	24687	14.287	ug/l	96
11) Tert butyl alcohol	4.923	59	24281	85.555	ug/l #	95
12) 1,1-Dichloroethene	3.850	96	24487	16.450	ug/l	94
13) Acrolein	3.710	56	7397	81.070	ug/l	95
14) Allyl chloride	4.460	41	33690	16.788	ug/l	96
15) Acrylonitrile	5.143	53	29447	81.890	ug/l	96
16) Acetone	3.930	43	25373	79.042	ug/l #	87
17) Carbon Disulfide	4.174	76	55791	14.029	ug/l	98
18) Methyl Acetate	4.460	43	12728	15.632	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	67790	17.072	ug/l	98
20) Methylene Chloride	4.698	84	42205	15.076	ug/l	95
21) trans-1,2-Dichloroethene	5.198	96	28134	16.603	ug/l	97
22) Diisopropyl ether	6.106	45	81287	17.943	ug/l	95
23) Vinyl Acetate	6.039	43	243367	71.649	ug/l	97
24) 1,1-Dichloroethane	5.996	63	49616	16.999	ug/l	99
25) 2-Butanone	6.972	43	39381	81.844	ug/l	98
26) 2,2-Dichloropropane	6.966	77	40600	16.511	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	34452	16.832	ug/l	97
28) Bromochloromethane	7.319	49	25160	21.032	ug/l	92
29) Tetrahydrofuran	7.332	42	24833	84.098	ug/l	95
30) Chloroform	7.496	83	53552	16.836	ug/l	96
31) Cyclohexane	7.777	56	40412	16.721	ug/l	100
32) 1,1,1-Trichloroethane	7.691	97	45023	16.661	ug/l	98
36) 1,1-Dichloropropene	7.905	75	36872	16.310	ug/l	96
37) Ethyl Acetate	7.063	43	17198	16.138	ug/l	95
38) Carbon Tetrachloride	7.892	117	38965	16.429	ug/l	97
39) Methylcyclohexane	9.173	83	45054	16.265	ug/l	95
40) Benzene	8.148	78	115118	16.465	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	10086m	19.669	ug/l	
42) 1,2-Dichloroethane	8.228	62	30899	16.940	ug/l	96
43) Isopropyl Acetate	8.264	43	33734	16.959	ug/l #	83
44) Trichloroethene	8.935	130	30390	16.602	ug/l	93
45) 1,2-Dichloropropane	9.209	63	26871	16.808	ug/l	98
46) Dibromomethane	9.301	93	16525	16.659	ug/l	96
47) Bromodichloromethane	9.490	83	39582	16.718	ug/l	100
48) Methyl methacrylate	9.282	41	14165	15.818	ug/l #	93
49) 1,4-Dioxane	9.295	88	4007	307.138	ug/l #	93
51) 4-Methyl-2-Pentanone	10.063	43	88285	84.262	ug/l	99
52) Toluene	10.240	92	75666	16.856	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	34074	16.469	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	41073	16.450	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	22162	16.797	ug/l	97
56) Ethyl methacrylate	10.508	69	28374	16.434	ug/l #	88
57) 1,3-Dichloropropane	10.782	76	35936	16.396	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	82388	98.847	ug/l	100
59) 2-Hexanone	10.825	43	61705	84.077	ug/l	94
60) Dibromochloromethane	10.977	129	26948	16.442	ug/l	97
61) 1,2-Dibromoethane	11.081	107	19905	16.324	ug/l	99
64) Tetrachloroethene	10.715	164	28138	16.440	ug/l	97
65) Chlorobenzene	11.508	112	83533	16.851	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	26211	15.778	ug/l	99
67) Ethyl Benzene	11.587	91	143160	16.644	ug/l	99
68) m/p-Xylenes	11.697	106	110835	33.116	ug/l	100
69) o-Xylene	12.026	106	53511	16.626	ug/l	100
70) Styrene	12.038	104	88929	16.725	ug/l	98
71) Bromoform	12.203	173	13712	15.043	ug/l #	96
73) Isopropylbenzene	12.325	105	137331	16.999	ug/l	100
74) N-amyl acetate	12.142	43	29672	17.936	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.575	83	25163	17.542	ug/l	100
76) 1,2,3-Trichloropropane	12.623	75	18236m	17.019	ug/l	
77) Bromobenzene	12.605	156	32334	17.307	ug/l	95
78) n-propylbenzene	12.666	91	167712	17.739	ug/l	100
79) 2-Chlorotoluene	12.751	91	93070	17.439	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	111246	17.375	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	6452	16.285	ug/l #	83
82) 4-Chlorotoluene	12.849	91	94981	17.673	ug/l	98
83) tert-Butylbenzene	13.068	119	102764	17.342	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	109585	17.124	ug/l	99
85) sec-Butylbenzene	13.251	105	149571	17.697	ug/l	100
86) p-Isopropyltoluene	13.367	119	121191	16.914	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	63127	16.752	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	61775	16.706	ug/l	98
89) n-Butylbenzene	13.690	91	116472	18.035	ug/l	98
90) Hexachloroethane	13.958	117	22155	17.021	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	55262	17.167	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3465	16.682	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	28249	15.751	ug/l	97
94) Hexachlorobutadiene	15.105	225	15031	16.312	ug/l	97
95) Naphthalene	15.233	128	53000	15.814	ug/l	98
96) 1,2,3-Trichlorobenzene	15.415	180	24547	16.199	ug/l	98

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

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