

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
 Data File : VY016542.D
 Acq On : 30 Nov 2023 08:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/01/2023
 Supervised By :Semsettin Yesilyurt 12/01/2023

Quant Time: Dec 01 00:55:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	176257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	265756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	229380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	104146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	68806	49.412	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.820%			
35) Dibromofluoromethane	7.746	113	78874	50.568	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.140%			
50) Toluene-d8	10.203	98	309192	51.110	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.220%			
62) 4-Bromofluorobenzene	12.502	95	98293	51.794	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.924	85	70019	45.604	ug/l	99
3) Chloromethane	2.131	50	71499	46.682	ug/l	96
4) Vinyl Chloride	2.278	62	85284	49.334	ug/l	95
5) Bromomethane	2.680	94	54983	49.134	ug/l	99
6) Chloroethane	2.826	64	53673	48.094	ug/l	98
7) Trichlorofluoromethane	3.156	101	142795	47.714	ug/l	97
8) Diethyl Ether	3.558	74	38258	48.131	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.936	101	82565	48.601	ug/l	98
10) Methyl Iodide	4.131	142	96372	50.142	ug/l	98
11) Tert butyl alcohol	4.997	59	19717	223.400	ug/l #	82
12) 1,1-Dichloroethene	3.912	96	78614	49.514	ug/l #	80
13) Acrolein	3.759	56	42042	251.385	ug/l	98
14) Allyl chloride	4.521	41	88488	48.480	ug/l #	87
15) Acrylonitrile	5.198	53	68206	242.487	ug/l	97
16) Acetone	3.979	43	68570	254.992	ug/l #	83
17) Carbon Disulfide	4.235	76	219005	48.892	ug/l	98
18) Methyl Acetate	4.521	43	52172	50.615	ug/l #	78
19) Methyl tert-butyl Ether	5.265	73	172859	49.960	ug/l	95
20) Methylene Chloride	4.759	84	79486	48.746	ug/l #	80
21) trans-1,2-Dichloroethene	5.265	96	87576	49.524	ug/l	87
22) Diisopropyl ether	6.155	45	189126	49.416	ug/l #	84
23) Vinyl Acetate	6.094	43	438182	248.269	ug/l #	85
24) 1,1-Dichloroethane	6.058	63	131014	48.506	ug/l	94
25) 2-Butanone	7.021	43	89211	237.451	ug/l #	80
26) 2,2-Dichloropropane	7.021	77	131216	49.153	ug/l	95
27) cis-1,2-Dichloroethene	7.021	96	94642	49.816	ug/l	85
28) Bromochloromethane	7.368	49	49274	50.477	ug/l #	64
29) Tetrahydrofuran	7.380	42	49895	247.209	ug/l #	74
30) Chloroform	7.539	83	147415	48.967	ug/l	98
31) Cyclohexane	7.819	56	113690	46.505	ug/l #	83
32) 1,1,1-Trichloroethane	7.734	97	143111	49.056	ug/l	94
36) 1,1-Dichloropropene	7.947	75	114619	49.763	ug/l	97
37) Ethyl Acetate	7.106	43	35594	49.306	ug/l #	90
38) Carbon Tetrachloride	7.935	117	134819	49.871	ug/l	99
39) Methylcyclohexane	9.209	83	145799	50.750	ug/l	88
40) Benzene	8.191	78	324104	49.629	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	17762	46.708	ug/l #	85
42) 1,2-Dichloroethane	8.264	62	80481	49.731	ug/l	91
43) Isopropyl Acetate	8.301	43	70679	49.790	ug/l #	82
44) Trichloroethene	8.966	130	101091	50.256	ug/l	94
45) 1,2-Dichloropropane	9.240	63	72538	49.225	ug/l	96
46) Dibromomethane	9.331	93	42324	51.078	ug/l	98
47) Bromodichloromethane	9.520	83	110044	50.301	ug/l	98
48) Methyl methacrylate	9.319	41	39921	50.092	ug/l #	75
49) 1,4-Dioxane	9.325	88	8035	1046.177	ug/l #	56
51) 4-Methyl-2-Pentanone	10.093	43	181927	245.664	ug/l #	83
52) Toluene	10.270	92	211231	50.351	ug/l	94
53) t-1,3-Dichloropropene	10.490	75	103048	50.832	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	123816	50.402	ug/l #	84
55) 1,1,2-Trichloroethane	10.666	97	60288	50.422	ug/l	96
56) Ethyl methacrylate	10.532	69	53174	52.551	ug/l #	73
57) 1,3-Dichloropropane	10.813	76	96856	50.290	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.807	63	158883	253.927	ug/l #	86
59) 2-Hexanone	10.855	43	143910	246.016	ug/l	80
60) Dibromochloromethane	11.008	129	79529	50.887	ug/l	99
61) 1,2-Dibromoethane	11.112	107	57313	50.759	ug/l	100
64) Tetrachloroethene	10.746	164	101341	49.643	ug/l	97
65) Chlorobenzene	11.538	112	227681	49.564	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	87190	49.513	ug/l	99
67) Ethyl Benzene	11.618	91	406527	50.414	ug/l	97
68) m/p-Xylenes	11.727	106	313528	100.466	ug/l	92
69) o-Xylene	12.050	106	145988	50.956	ug/l	95
70) Styrene	12.069	104	209333	50.782	ug/l	97
71) Bromoform	12.233	173	46463	51.081	ug/l #	99
73) Isopropylbenzene	12.349	105	402521	50.966	ug/l	99
74) N-amyl acetate	12.166	43	56851	50.971	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.605	83	58427	49.836	ug/l	97
76) 1,2,3-Trichloropropane	12.654	75	41310m	47.242	ug/l	
77) Bromobenzene	12.630	156	92674	50.394	ug/l	87
78) n-propylbenzene	12.697	91	460216	50.933	ug/l	97
79) 2-Chlorotoluene	12.782	91	254055	50.552	ug/l	97
80) 1,3,5-Trimethylbenzene	12.837	105	322288	50.763	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.398	75	19897	49.626	ug/l	87
82) 4-Chlorotoluene	12.880	91	257650	49.933	ug/l	95
83) tert-Butylbenzene	13.099	119	292456	51.043	ug/l	96
84) 1,2,4-Trimethylbenzene	13.142	105	316314	51.174	ug/l	98
85) sec-Butylbenzene	13.276	105	404398	51.033	ug/l	98
86) p-Isopropyltoluene	13.392	119	355145	51.871	ug/l	98
87) 1,3-Dichlorobenzene	13.392	146	174656	50.297	ug/l	100
88) 1,4-Dichlorobenzene	13.471	146	169517	49.876	ug/l	99
89) n-Butylbenzene	13.721	91	312823	52.127	ug/l	95
90) Hexachloroethane	13.983	117	67741	50.709	ug/l	97
91) 1,2-Dichlorobenzene	13.763	146	148786	50.557	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	8658	52.495	ug/l	80
93) 1,2,4-Trichlorobenzene	15.032	180	87091	48.427	ug/l	99
94) Hexachlorobutadiene	15.135	225	55061	54.022	ug/l	98
95) Naphthalene	15.257	128	147639	46.475	ug/l	98
96) 1,2,3-Trichlorobenzene	15.446	180	69687	47.617	ug/l	99

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

