

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
 Data File : VY014512.D
 Acq On : 30 Jun 2023 13:18
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/03/2023
 Supervised By :Mahesh Dadoda 07/03/2023

Quant Time: Jun 30 18:46:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 15:18:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	381137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	578046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	535313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	289629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	40624	10.715	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.420%#		
35) Dibromofluoromethane	7.710	113	36652	10.297	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.600%#		
50) Toluene-d8	10.179	98	144576	10.274	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.540%#		
62) 4-Bromofluorobenzene	12.477	95	50116	10.256	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.520%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	36701	10.268	ug/l	94
3) Chloromethane	2.107	50	51503	11.668	ug/l	100
4) Vinyl Chloride	2.247	62	57637	11.328	ug/l	99
5) Bromomethane	2.638	94	45031	11.414	ug/l	94
6) Chloroethane	2.784	64	35464	10.825	ug/l	94
7) Trichlorofluoromethane	3.113	101	68199	11.037	ug/l	97
8) Diethyl Ether	3.528	74	24387	10.423	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.887	101	40163	10.884	ug/l	98
10) Methyl Iodide	4.082	142	39721	9.433	ug/l	92
11) Tert butyl alcohol	4.948	59	39046	43.488	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	38234	10.695	ug/l	88
13) Acrolein	3.723	56	28619	56.317	ug/l	99
14) Allyl chloride	4.473	41	55293	10.262	ug/l	87
15) Acrylonitrile	5.149	53	67491	50.247	ug/l	98
16) Acetone	3.942	43	60674	51.243	ug/l #	88
17) Carbon Disulfide	4.186	76	121457	11.149	ug/l	99
18) Methyl Acetate	4.473	43	52976	9.829	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	102161	9.943	ug/l	97
20) Methylene Chloride	4.704	84	59032	9.627	ug/l #	86
21) trans-1,2-Dichloroethene	5.210	96	43703	10.800	ug/l	92
22) Diisopropyl ether	6.113	45	115232	10.379	ug/l	95
23) Vinyl Acetate	6.058	43	322351	50.183	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	74176	10.642	ug/l	98
25) 2-Butanone	6.978	43	88521	50.491	ug/l	95
26) 2,2-Dichloropropane	6.972	77	63650	10.714	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	48060	10.470	ug/l	91
28) Bromochloromethane	7.326	49	32830	11.217	ug/l	83
29) Tetrahydrofuran	7.344	42	56682	50.123	ug/l	89
30) Chloroform	7.503	83	76885	10.575	ug/l	94
31) Cyclohexane	7.783	56	64142	10.783	ug/l #	78
32) 1,1,1-Trichloroethane	7.698	97	66209	10.653	ug/l	97
36) 1,1-Dichloropropene	7.911	75	57010	10.458	ug/l	98
37) Ethyl Acetate	7.070	43	38488	10.295	ug/l #	93
38) Carbon Tetrachloride	7.893	117	59723	10.495	ug/l	93
39) Methylcyclohexane	9.179	83	65941	10.120	ug/l	95
40) Benzene	8.155	78	172663	10.464	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	16721m	8.916	ug/l	
42) 1,2-Dichloroethane	8.234	62	51463	10.611	ug/l	93
43) Isopropyl Acetate	8.271	43	61842	9.761	ug/l #	90
44) Trichloroethene	8.935	130	47961	10.426	ug/l	98
45) 1,2-Dichloropropane	9.210	63	44763	10.574	ug/l	100
46) Dibromomethane	9.301	93	27113	10.521	ug/l	96
47) Bromodichloromethane	9.496	83	59354	10.453	ug/l	97
48) Methyl methacrylate	9.289	41	28504	9.894	ug/l #	82
49) 1,4-Dioxane	9.295	88	8574	186.317	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	186010	49.593	ug/l	90
52) Toluene	10.240	92	106514	10.258	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	61548	10.136	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	70033	10.337	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	38817	10.352	ug/l	96
56) Ethyl methacrylate	10.508	69	49293	9.663	ug/l #	80
57) 1,3-Dichloropropane	10.789	76	63852	10.450	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	123839	50.114	ug/l	96
59) 2-Hexanone	10.831	43	133227	49.172	ug/l	91
60) Dibromochloromethane	10.984	129	45123	10.269	ug/l	99
61) 1,2-Dibromoethane	11.087	107	37233	10.170	ug/l	100
64) Tetrachloroethene	10.715	164	51970	10.860	ug/l	94
65) Chlorobenzene	11.514	112	117680	10.316	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	45059	10.392	ug/l	98
67) Ethyl Benzene	11.593	91	197008	10.127	ug/l	98
68) m/p-Xylenes	11.697	106	155883	20.200	ug/l	94
69) o-Xylene	12.026	106	73061	9.982	ug/l	95
70) Styrene	12.044	104	124652	9.899	ug/l	96
71) Bromoform	12.203	173	33334	10.119	ug/l	99
73) Isopropylbenzene	12.325	105	186966	9.857	ug/l	98
74) N-amyl acetate	12.142	43	56171	9.812	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	48115	9.884	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	34763m	10.175	ug/l	
77) Bromobenzene	12.605	156	52097	10.056	ug/l	95
78) n-propylbenzene	12.666	91	230763	9.973	ug/l	98
79) 2-Chlorotoluene	12.752	91	134529	10.103	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	160210	9.977	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	17070	9.776	ug/l	90
82) 4-Chlorotoluene	12.849	91	144246	10.340	ug/l	98
83) tert-Butylbenzene	13.069	119	139357	9.874	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	160925	10.043	ug/l	98
85) sec-Butylbenzene	13.252	105	210942	10.129	ug/l	99
86) p-Isopropyltoluene	13.367	119	175016	9.986	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	103210	10.189	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	105580	10.400	ug/l	99
89) n-Butylbenzene	13.697	91	160393	9.903	ug/l	98
90) Hexachloroethane	13.959	117	36718	10.577	ug/l	93
91) 1,2-Dichlorobenzene	13.733	146	95146	10.369	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8917	10.006	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	57914	9.772	ug/l	99
94) Hexachlorobutadiene	15.111	225	38061	10.449	ug/l	98
95) Naphthalene	15.233	128	115070	9.126	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	52973	9.810	ug/l	98

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

