

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012196.D
 Acq On : 16 Jan 2023 13:26
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 16 14:04:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 16 13:57:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	188894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	281893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37644	17.735	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	35.480%#		
35) Dibromofluoromethane	7.716	113	32639	17.616	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	35.240%#		
50) Toluene-d8	10.179	98	134756	18.426	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	36.860%#		
62) 4-Bromofluorobenzene	12.483	95	45453	17.781	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	35.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36719	21.715	ug/l	96
3) Chloromethane	2.113	50	30242	19.473	ug/l	96
4) Vinyl Chloride	2.253	62	36178	19.706	ug/l	97
5) Bromomethane	2.643	94	26810	19.091	ug/l	98
6) Chloroethane	2.790	64	23391	19.231	ug/l	98
7) Trichlorofluoromethane	3.125	101	71374	19.515	ug/l	96
8) Diethyl Ether	3.533	74	20155	17.999	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.905	101	34344	18.238	ug/l	95
10) Methyl Iodide	4.088	142	51510	20.178	ug/l	94
11) Tert butyl alcohol	4.954	59	19339	61.386	ug/l	100
12) 1,1-Dichloroethene	3.869	96	34672	18.781	ug/l	96
13) Acrolein	3.722	56	10501	76.627	ug/l	97
14) Allyl chloride	4.478	41	41126	16.525	ug/l #	82
15) Acrylonitrile	5.161	53	43466	82.619	ug/l	99
16) Acetone	3.948	43	46355	92.840	ug/l	98
17) Carbon Disulfide	4.198	76	106761	20.509	ug/l	98
18) Methyl Acetate	4.478	43	21701	15.109	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	94460	17.384	ug/l	94
20) Methylene Chloride	4.716	84	55580	21.380	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	38668	18.929	ug/l	89
22) Diisopropyl ether	6.118	45	83784	16.365	ug/l #	88
23) Vinyl Acetate	6.057	43	261729	84.482	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	58306	17.122	ug/l	96
25) 2-Butanone	6.984	43	54065	82.071	ug/l	92
26) 2,2-Dichloropropane	6.984	77	63472	17.277	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	41930	17.971	ug/l	94
28) Bromochloromethane	7.332	49	12104	14.059	ug/l #	71
29) Tetrahydrofuran	7.344	42	30262	78.700	ug/l #	81
30) Chloroform	7.508	83	68927	17.756	ug/l	93
31) Cyclohexane	7.789	56	53452	17.516	ug/l #	85
32) 1,1,1-Trichloroethane	7.703	97	68110	18.065	ug/l	97
36) 1,1-Dichloropropene	7.917	75	50950	18.125	ug/l	97
37) Ethyl Acetate	7.069	43	22554	14.985	ug/l #	97
38) Carbon Tetrachloride	7.899	117	67004	18.780	ug/l	100
39) Methylcyclohexane	9.185	83	62705	18.673	ug/l	92
40) Benzene	8.161	78	146247	17.854	ug/l	98

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41) Methacrylonitrile	7.313	41	12760m	15.588	ug/l	
42) 1,2-Dichloroethane	8.234	62	46555	17.952	ug/l	99
43) Isopropyl Acetate	8.270	43	40673	16.125	ug/l #	93
44) Trichloroethene	8.941	130	44526	18.616	ug/l	97
45) 1,2-Dichloropropane	9.215	63	30183	16.538	ug/l	95
46) Dibromomethane	9.307	93	20496	17.839	ug/l	95
47) Bromodichloromethane	9.496	83	51858	17.751	ug/l	98
48) Methyl methacrylate	9.295	41	18174	16.085	ug/l #	82
49) 1,4-Dioxane	9.295	88	5292	332.615	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	108911	81.146	ug/l	95
52) Toluene	10.240	92	98367	18.142	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	53860	17.722	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	57907	17.612	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	28772	17.338	ug/l	98
56) Ethyl methacrylate	10.508	69	37529	17.264	ug/l	95
57) 1,3-Dichloropropane	10.788	76	47594	17.379	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	63331	79.649	ug/l	89
59) 2-Hexanone	10.831	43	81493	86.470	ug/l	95
60) Dibromochloromethane	10.983	129	38881	17.770	ug/l	100
61) 1,2-Dibromoethane	11.087	107	27891	17.561	ug/l	99
64) Tetrachloroethene	10.721	164	48592	19.103	ug/l	96
65) Chlorobenzene	11.514	112	105251	17.748	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	40105	17.516	ug/l	97
67) Ethyl Benzene	11.593	91	189107	17.841	ug/l	97
68) m/p-Xylenes	11.703	106	151588	36.462	ug/l	99
69) o-Xylene	12.032	106	72199	18.239	ug/l	99
70) Styrene	12.044	104	120134	17.866	ug/l	99
71) Bromoform	12.209	173	26017	17.884	ug/l #	98
73) Isopropylbenzene	12.331	105	193545	18.219	ug/l	99
74) N-amyl acetate	12.142	43	36459	16.625	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	29327	16.412	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	27470m	17.920	ug/l	
77) Bromobenzene	12.611	156	45561	17.982	ug/l	92
78) n-propylbenzene	12.672	91	226889	18.296	ug/l	98
79) 2-Chlorotoluene	12.757	91	127009	17.904	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	169371	18.589	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	11564	16.754	ug/l	97
82) 4-Chlorotoluene	12.855	91	133493	17.992	ug/l	98
83) tert-Butylbenzene	13.074	119	149692	18.751	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	167914	18.618	ug/l	98
85) sec-Butylbenzene	13.251	105	210069	18.307	ug/l	97
86) p-Isopropyltoluene	13.367	119	185077	18.618	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	93243	18.359	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	91032	17.943	ug/l	99
89) n-Butylbenzene	13.696	91	158867	18.442	ug/l	97
90) Hexachloroethane	13.965	117	33471	18.149	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	81657	18.047	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6205	17.471	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	52932	18.764	ug/l	98
94) Hexachlorobutadiene	15.117	225	32885	19.321	ug/l	100
95) Naphthalene	15.239	128	102999	18.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	46421	18.927	ug/l	99

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

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