

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013958.D
 Acq On : 01 Jun 2023 11:50
 Operator : KP/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 :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

Quant Time: Jun 02 06:46:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 06:43:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	269850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	417293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	189097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68073	19.056	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.120%#		
35) Dibromofluoromethane	7.716	113	53000	19.985	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.980%#		
50) Toluene-d8	10.179	98	203791	20.146	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.300%#		
62) 4-Bromofluorobenzene	12.477	95	68449	19.848	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	39.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52155	21.966	ug/l	99
3) Chloromethane	2.113	50	65662	19.967	ug/l	98
4) Vinyl Chloride	2.247	62	62374	20.474	ug/l	96
5) Bromomethane	2.650	94	54003	20.358	ug/l	98
6) Chloroethane	2.790	64	44516	20.418	ug/l	99
7) Trichlorofluoromethane	3.119	101	102745	21.334	ug/l	99
8) Diethyl Ether	3.528	74	34595	18.323	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	52957	21.406	ug/l	98
10) Methyl Iodide	4.095	142	64584	18.942	ug/l	99
11) Tert butyl alcohol	4.924	59	60467m	82.363	ug/l	
12) 1,1-Dichloroethene	3.869	96	52880	20.386	ug/l	90
13) Acrolein	3.729	56	35964	106.972	ug/l	96
14) Allyl chloride	4.472	41	96037	19.078	ug/l	99
15) Acrylonitrile	5.161	53	98596	94.106	ug/l	100
16) Acetone	3.954	43	103929	85.037	ug/l	98
17) Carbon Disulfide	4.192	76	178570	20.358	ug/l	99
18) Methyl Acetate	4.479	43	82334	18.646	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	155902	18.577	ug/l	95
20) Methylene Chloride	4.710	84	66478	17.515	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	58352	19.860	ug/l	97
22) Diisopropyl ether	6.112	45	186915	19.155	ug/l	99
23) Vinyl Acetate	6.058	43	572948	93.614	ug/l	99
24) 1,1-Dichloroethane	6.015	63	106578	19.568	ug/l	99
25) 2-Butanone	6.990	43	133831	87.899	ug/l	98
26) 2,2-Dichloropropane	6.978	77	97182	19.661	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	63106	18.760	ug/l	99
28) Bromochloromethane	7.332	49	52286	20.327	ug/l	98
29) Tetrahydrofuran	7.344	42	89488	94.515	ug/l	99
30) Chloroform	7.502	83	110102	19.253	ug/l	99
31) Cyclohexane	7.783	56	89006	20.692	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	97572	20.115	ug/l	99
36) 1,1-Dichloropropene	7.911	75	79518	21.047	ug/l	98
37) Ethyl Acetate	7.076	43	64226	19.498	ug/l	99
38) Carbon Tetrachloride	7.893	117	90571	21.393	ug/l	98
39) Methylcyclohexane	9.179	83	88263	21.883	ug/l	94
40) Benzene	8.155	78	234515	20.121	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	30357m	19.939	ug/l	
42) 1,2-Dichloroethane	8.234	62	83458	19.528	ug/l	100
43) Isopropyl Acetate	8.271	43	106272	19.160	ug/l	99
44) Trichloroethene	8.935	130	62197	20.378	ug/l	100
45) 1,2-Dichloropropane	9.209	63	60256	20.034	ug/l	98
46) Dibromomethane	9.301	93	37816	19.639	ug/l	99
47) Bromodichloromethane	9.496	83	84170	19.404	ug/l	97
48) Methyl methacrylate	9.289	41	48466	19.198	ug/l	99
49) 1,4-Dioxane	9.313	88	10673m	381.148	ug/l	
51) 4-Methyl-2-Pentanone	10.069	43	301638	96.283	ug/l	99
52) Toluene	10.240	92	145021	20.311	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	90016	19.319	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	96735	19.445	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	50123	19.745	ug/l	96
56) Ethyl methacrylate	10.508	69	68850	18.890	ug/l	99
57) 1,3-Dichloropropane	10.788	76	85725	19.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	112665	80.124	ug/l	98
59) 2-Hexanone	10.831	43	218992	96.536	ug/l	98
60) Dibromochloromethane	10.983	129	62010	19.327	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49137	19.265	ug/l	99
64) Tetrachloroethene	10.715	164	55417	21.224	ug/l	98
65) Chlorobenzene	11.514	112	154481	19.757	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	60653	19.926	ug/l	99
67) Ethyl Benzene	11.587	91	274032	20.248	ug/l	98
68) m/p-Xylenes	11.697	106	212903	41.182	ug/l	98
69) o-Xylene	12.026	106	99646	20.115	ug/l	99
70) Styrene	12.044	104	169425	19.912	ug/l	99
71) Bromoform	12.203	173	44588	19.869	ug/l #	99
73) Isopropylbenzene	12.325	105	258672	20.725	ug/l	100
74) N-amyl acetate	12.142	43	92828	19.385	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	64669	19.825	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	56040m	21.979	ug/l	
77) Bromobenzene	12.605	156	67063	19.876	ug/l	99
78) n-propylbenzene	12.666	91	322419	21.078	ug/l	100
79) 2-Chlorotoluene	12.751	91	185640	20.500	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	223362	20.880	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	23625	19.696	ug/l	99
82) 4-Chlorotoluene	12.855	91	195078	20.483	ug/l	99
83) tert-Butylbenzene	13.075	119	188002	20.987	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	221083	20.692	ug/l	99
85) sec-Butylbenzene	13.251	105	280063	21.500	ug/l	99
86) p-Isopropyltoluene	13.367	119	234444	21.322	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	128484	20.052	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	129906	20.042	ug/l	98
89) n-Butylbenzene	13.696	91	218991	21.108	ug/l	99
90) Hexachloroethane	13.959	117	47769	20.700	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	119482	20.241	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12618	20.055	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	71883	19.809	ug/l	99
94) Hexachlorobutadiene	15.111	225	41784	21.618	ug/l	99
95) Naphthalene	15.233	128	144974	19.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	64579	19.539	ug/l	99

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

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