

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075061.D
 Acq On : 28 Dec 2022 13:02
 Operator : KP/SY
 Sample : VD1228SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

Quant Time: Dec 29 03:49:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/29/2022
 Supervised By :Mahesh Dadoda 12/29/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	126717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	224540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	84458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61986	50.045	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.080%			
35) Dibromofluoromethane	7.804	113	67797	51.311	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.620%			
50) Toluene-d8	10.269	98	264700	49.581	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.160%			
62) 4-Bromofluorobenzene	12.575	95	87210	50.424	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	16167	24.983	ug/l	94
3) Chloromethane	2.146	50	28058	25.202	ug/l	96
4) Vinyl Chloride	2.281	62	26562	25.276	ug/l	97
5) Bromomethane	2.681	94	12854	26.116	ug/l	95
6) Chloroethane	2.828	64	17448	26.224	ug/l	91
7) Trichlorofluoromethane	3.169	101	35500	22.012	ug/l	97
8) Diethyl Ether	3.593	74	13038	21.083	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.958	101	23374	20.571	ug/l	99
10) Methyl Iodide	4.163	142	20427	20.942	ug/l	97
11) Tert butyl alcohol	5.063	59	10158	98.412	ug/l #	96
12) 1,1-Dichloroethene	3.934	96	23577	21.474	ug/l	91
13) Acrolein	3.793	56	13930	93.416	ug/l	99
14) Allyl chloride	4.558	41	40969	21.444	ug/l #	91
15) Acrylonitrile	5.252	53	29808	95.189	ug/l	99
16) Acetone	4.022	43	28643	89.038	ug/l	97
17) Carbon Disulfide	4.263	76	58138	26.475	ug/l	100
18) Methyl Acetate	4.563	43	17044	19.881	ug/l #	87
19) Methyl tert-butyl Ether	5.322	73	57120	19.587	ug/l	92
20) Methylene Chloride	4.799	84	39528	24.233	ug/l #	84
21) trans-1,2-Dichloroethene	5.305	96	26979	22.142	ug/l	87
22) Diisopropyl ether	6.222	45	81658	19.842	ug/l #	93
23) Vinyl Acetate	6.152	43	185620m	99.736	ug/l	
24) 1,1-Dichloroethane	6.110	63	51101	21.260	ug/l	97
25) 2-Butanone	7.081	43	39954	93.069	ug/l #	84
26) 2,2-Dichloropropane	7.075	77	44992	20.954	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	32798	21.339	ug/l	91
28) Bromochloromethane	7.434	49	16112	19.364	ug/l #	80
29) Tetrahydrofuran	7.446	42	22857	92.354	ug/l #	83
30) Chloroform	7.599	83	49910	21.265	ug/l	98
31) Cyclohexane	7.875	56	41033	21.348	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	42468	20.911	ug/l #	95
36) 1,1-Dichloropropene	8.004	75	36328	21.286	ug/l	100
37) Ethyl Acetate	7.169	43	16580	19.232	ug/l #	94
38) Carbon Tetrachloride	7.993	117	32065	21.728	ug/l	97
39) Methylcyclohexane	9.275	83	45506	21.955	ug/l	94
40) Benzene	8.251	78	109365	21.048	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9333	17.399	ug/l	90
42) 1,2-Dichloroethane	8.322	62	28383	21.410	ug/l	96
43) Isopropyl Acetate	8.363	43	32610	18.802	ug/l #	91
44) Trichloroethene	9.028	130	30474	21.294	ug/l	100
45) 1,2-Dichloropropane	9.304	63	29116	20.921	ug/l	95
46) Dibromomethane	9.393	93	13978	20.195	ug/l	98
47) Bromodichloromethane	9.587	83	37155	20.612	ug/l	98
48) Methyl methacrylate	9.381	41	14679	18.633	ug/l	87
49) 1,4-Dioxane	9.387	88	3579	410.304	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	78965	92.167	ug/l	92
52) Toluene	10.334	92	69967	21.146	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	35626	20.314	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	43319	20.497	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	20288	20.017	ug/l	98
56) Ethyl methacrylate	10.598	69	24722	18.530	ug/l #	79
57) 1,3-Dichloropropane	10.881	76	34786	20.530	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	53260	97.256	ug/l	94
59) 2-Hexanone	10.922	43	57788	92.753	ug/l	91
60) Dibromochloromethane	11.075	129	23089	19.884	ug/l	100
61) 1,2-Dibromoethane	11.181	107	17914	19.715	ug/l	99
64) Tetrachloroethene	10.810	164	24707	21.606	ug/l	96
65) Chlorobenzene	11.610	112	73531	20.608	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	25729	20.823	ug/l	98
67) Ethyl Benzene	11.681	91	133417	20.430	ug/l	100
68) m/p-Xylenes	11.792	106	103219	41.688	ug/l	100
69) o-Xylene	12.122	106	50030	21.006	ug/l	100
70) Styrene	12.134	104	82113	20.506	ug/l	97
71) Bromoform	12.298	173	12703	18.948	ug/l #	98
73) Isopropylbenzene	12.422	105	133225	20.574	ug/l	100
74) N-amyl acetate	12.234	43	29662	18.047	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.675	83	21519	18.637	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	17474m	20.178	ug/l	
77) Bromobenzene	12.698	156	28043	20.288	ug/l	93
78) n-propylbenzene	12.763	91	162165	20.446	ug/l	99
79) 2-Chlorotoluene	12.851	91	86528	19.969	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	104151	19.945	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	5927	15.862	ug/l #	87
82) 4-Chlorotoluene	12.945	91	88934	20.116	ug/l	99
83) tert-Butylbenzene	13.169	119	92952	20.107	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	101620	20.007	ug/l	99
85) sec-Butylbenzene	13.345	105	141164	19.889	ug/l	99
86) p-Isopropyltoluene	13.463	119	114175	20.165	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	56402	20.885	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	54701	20.277	ug/l	98
89) n-Butylbenzene	13.786	91	110623	19.562	ug/l	98
90) Hexachloroethane	14.057	117	19400	19.281	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	48957	20.516	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3469	19.551	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	31560	20.128	ug/l	94
94) Hexachlorobutadiene	15.204	225	14895	19.003	ug/l	96
95) Naphthalene	15.333	128	61326	18.739	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	26394	19.614	ug/l	95

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

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