

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067143.D
 Acq On : 07 Oct 2020 10:59
 Operator : VA/SY
 Sample : VD1007SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 5:39:29 PM

Quant Time: Oct 08 07:50:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	372799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	565397	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	538712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	263441	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	177770	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.91	113	190412	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	10.34	98	690956	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.63	95	244488	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	78017	23.353	ug/l	99
3) Chloromethane	2.21	50	54753	18.442	ug/l	100
4) Vinyl Chloride	2.35	62	56109	18.848	ug/l	98
5) Bromomethane	2.76	94	42768	19.660	ug/l	97
6) Chloroethane	2.92	64	35356	19.502	ug/l	93
7) Trichlorofluoromethane	3.27	101	133832	20.235	ug/l	98
8) Diethyl Ether	3.70	74	30098	18.351	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	75338	20.153	ug/l	98
10) Methyl Iodide	4.30	142	67649	18.624	ug/l	99
11) Tert butyl alcohol	5.21	59	24280	82.899	ug/l #	72
12) 1,1-Dichloroethene	4.07	96	69876	19.884	ug/l	83
13) Acrolein	3.91	56	19022	79.114	ug/l	99
14) Allyl chloride	4.71	41	77638	17.006	ug/l	91
15) Acrylonitrile	5.42	53	55751	92.359	ug/l	99
16) Acetone	4.16	43	52004	94.874	ug/l	99
17) Carbon Disulfide	4.40	76	200399	18.581	ug/l	96
18) Methyl Acetate	4.71	43	25816	18.739	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	125630	19.583	ug/l	97
20) Methylene Chloride	4.97	84	89806	18.506	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	76942	19.238	ug/l	93
22) Diisopropyl ether	6.36	45	154731	18.565	ug/l	95
23) Vinyl Acetate	6.30	43	424452	89.870	ug/l	96
24) 1,1-Dichloroethane	6.26	63	120633	18.754	ug/l	98
25) 2-Butanone	7.21	43	67048	86.276	ug/l	90
26) 2,2-Dichloropropane	7.21	77	118354	18.957	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	83651	19.584	ug/l	99
28) Bromochloromethane	7.54	49	43607	17.555	ug/l	94
29) Tetrahydrofuran	7.56	42	37543	84.018	ug/l	88
30) Chloroform	7.71	83	142148	20.372	ug/l	92
31) Cyclohexane	7.99	56	96225	17.844	ug/l #	94
32) 1,1,1-Trichloroethane	7.90	97	132840	20.542	ug/l	99
36) 1,1-Dichloropropene	8.11	75	103804	19.697	ug/l	98
37) Ethyl Acetate	7.29	43	33839	18.535	ug/l	95
38) Carbon Tetrachloride	8.10	117	128834	22.594	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	111528	20.016	ug/l	94
40) Benzene	8.35	78	291579	19.919	ug/l	99
41) Methacrylonitrile	7.53	41	18285	18.538	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	88150	21.551	ug/l	97
43) Isopropyl Acetate	8.45	43	61907	18.406	ug/l	94
44) Trichloroethene	9.11	130	92495	21.161	ug/l	96
45) 1,2-Dichloropropane	9.39	63	69569	20.227	ug/l	98
46) Dibromomethane	9.47	93	41053	20.768	ug/l	95
47) Bromodichloromethane	9.66	83	109403	21.291	ug/l	95
48) Methyl methacrylate	9.46	41	29224	16.960	ug/l #	73
49) 1,4-Dioxane	9.46	88	7512	364.105	ug/l #	96
51) 4-Methyl-2-Pentanone	10.23	43	155230	92.659	ug/l	98
52) Toluene	10.40	92	199317	21.138	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	97155	21.155	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	114506	20.419	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	55557	20.215	ug/l	97
56) Ethyl methacrylate	10.66	69	59078	20.821	ug/l	95
57) 1,3-Dichloropropane	10.94	76	93735	21.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	166174	105.220	ug/l	99
59) 2-Hexanone	10.98	43	106848	95.557	ug/l	97
60) Dibromochloromethane	11.14	129	81314	22.198	ug/l	97
61) 1,2-Dibromoethane	11.24	107	55622	21.066	ug/l	97
64) Tetrachloroethene	10.87	164	78966	20.163	ug/l	97
65) Chlorobenzene	11.67	112	214310	20.002	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	84806	20.808	ug/l	99
67) Ethyl Benzene	11.74	91	369105	20.106	ug/l	96
68) m/p-Xylenes	11.86	106	290579	40.616	ug/l	97
69) o-Xylene	12.18	106	131220	20.510	ug/l	95
70) Styrene	12.20	104	229360	20.878	ug/l	99
71) Bromoform	12.36	173	44584	21.074	ug/l #	98
73) Isopropylbenzene	12.48	105	371367	20.761	ug/l	100
74) N-amyl acetate	12.29	43	57550	17.897	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.73	83	59945	19.890	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	41109m	17.915	ug/l	
77) Bromobenzene	12.76	156	92553	21.428	ug/l	93
78) n-propylbenzene	12.83	91	435264	20.589	ug/l	99
79) 2-Chlorotoluene	12.91	91	250559	20.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	318884	21.100	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	17318	18.816	ug/l	100
82) 4-Chlorotoluene	13.01	91	263994	20.514	ug/l	100
83) tert-Butylbenzene	13.23	119	271717	21.350	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	317811	21.072	ug/l	97
85) sec-Butylbenzene	13.41	105	369863	20.637	ug/l	99
86) p-Isopropyltoluene	13.52	119	351936	21.180	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	176494	20.978	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	176620	20.995	ug/l	98
89) n-Butylbenzene	13.85	91	305957	20.148	ug/l	99
90) Hexachloroethane	14.12	117	57941	19.907	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	149482	20.344	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9258	19.056	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	101128	21.278	ug/l	98
94) Hexachlorobutadiene	15.28	225	61511	21.074	ug/l	97
95) Naphthalene	15.41	128	156483	19.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	86131	20.877	ug/l	97

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

