

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078294.D
 Acq On : 31 Jan 2024 16:46
 Operator : RP/MD
 Sample : VSTD2.509
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD2.5109

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/06/2024
 Supervised By :Mahesh Dadoda 02/06/2024

Quant Time: Feb 01 03:59:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 03:57:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	197138	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	193822	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	84736	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	14586	2.622	ug/L	0.00
7) Chloroethane-d5	2.805	69	12708	2.850	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.916	65	3295	2.346	ug/L	0.00
21) 2-Butanone-d5	6.993	46	4692m	6.520	ug/L	0.00
24) Chloroform-d	7.575	84	15103	2.760	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	7833	2.809	ug/L	0.00
32) Benzene-d6	8.204	84	29200	2.468	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	9409	2.613	ug/L	0.00
41) Toluene-d8	10.269	98	24565	2.267	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	3533	2.195	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	2996	4.556	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.657	84	8372	3.026	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	8169	2.649	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	9585	2.862	ug/L	98
3) Chloromethane	2.152	50	14003	2.901	ug/L	95
5) Vinyl chloride	2.287	62	17563	2.947	ug/L	98
6) Bromomethane	2.693	94	6885m	2.247	ug/L	
8) Chloroethane	2.834	64	11520	3.079	ug/L	93
9) Trichlorofluoromethane	3.181	101	12024	2.424	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	7348m	2.512	ug/L	
12) 1,1-Dichloroethene	3.934	96	6621m	2.397	ug/L	
13) Acetone	4.034	43	4768	5.024	ug/L	60
14) Carbon disulfide	4.275	76	25639m	2.614	ug/L	
15) Methyl Acetate	4.569	43	4124m	3.072	ug/L	
16) Methylene chloride	4.810	84	12220	3.353	ug/L	93
17) trans-1,2-Dichloroethene	5.310	96	6993m	2.393	ug/L	
18) Methyl tert-butyl Ether	5.322	73	15773	2.417	ug/L	# 71
19) 1,1-Dichloroethane	6.110	63	13231	2.442	ug/L	90
20) cis-1,2-Dichloroethene	7.093	96	7568m	2.331	ug/L	
22) 2-Butanone	7.087	43	5384m	4.989	ug/L	
23) Bromochloromethane	7.434	128	3408	2.465	ug/L	88
25) Chloroform	7.593	83	14542	2.678	ug/L	92
27) 1,2-Dichloroethane	8.322	62	9235	2.705	ug/L	98
29) Cyclohexane	7.875	56	8429m	1.662	ug/L	
30) 1,1,1-Trichloroethane	7.798	97	11688	2.410	ug/L	# 64
31) Carbon tetrachloride	7.987	117	10150	2.395	ug/L	99
33) Benzene	8.251	78	29170	2.241	ug/L	100
34) Trichloroethene	9.028	95	7864	2.444	ug/L	90
35) Methylcyclohexane	9.269	83	10822	1.938	ug/L	95
37) 1,2-Dichloropropane	9.304	63	7731	2.290	ug/L	98
38) Bromodichloromethane	9.587	83	10832	2.587	ug/L	# 97
39) cis-1,3-Dichloropropene	10.016	75	11427	2.156	ug/L	84
40) 4-Methyl-2-pentanone	10.163	43	8594	4.392	ug/L	96
42) Toluene	10.334	91	28234	2.053	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	10063	2.246	ug/L	97

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

45) 1,1,2-Trichloroethane	10.728	97	6252m	2.620	ug/L	
46) Tetrachloroethene	10.810	164	5447	2.170	ug/L #	83
48) 2-Hexanone	10.922	43	6487	3.944	ug/L	96
49) Dibromochloromethane	11.075	129	7093	2.536	ug/L	94
50) 1,2-Dibromoethane	11.175	107	6038	2.619	ug/L #	85
51) Chlorobenzene	11.604	112	20420	2.386	ug/L	97
52) Ethylbenzene	11.681	91	30434	2.010	ug/L	93
53) m,p-Xylene	11.798	106	12033	2.104	ug/L	73
54) o-Xylene	12.122	106	10466	1.908	ug/L	87
55) Styrene	12.134	104	18067	1.870	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.669	83	8116	2.817	ug/L #	93
59) Bromoform	12.298	173	3916	2.628	ug/L #	93
60) Isopropylbenzene	12.422	105	26088	2.022	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	5378	3.102	ug/L	94
62) 1,3,5-Trimethylbenzene	12.904	105	20245	2.079	ug/L	93
63) 1,2,4-Trimethylbenzene	13.210	105	18533	1.877	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	13085	2.338	ug/L	93
65) 1,4-Dichlorobenzene	13.539	146	13550	2.318	ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	11796	2.314	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.451	75	1346	3.385	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	8004m	2.136	ug/L	
70) 1,2,4-trichlorobenzene	15.104	180	6530	2.049	ug/L	97
71) Naphthalene	15.333	128	14060	2.272	ug/L	97
72) 1,2,3-Trichlorobenzene	15.522	180	6540	2.301	ug/L	92

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

