

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
 Data File : VW027538.D
 Acq On : 06 Nov 2023 09:20
 Operator : SY/MD
 Sample : VSTD00567
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005467

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2023
 Supervised By :Mahesh Dadoda 11/09/2023

Quant Time: Nov 07 00:25:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:24:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	448473	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	397568	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	183179	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	40396	4.975	ug/L	0.00
7) Chloroethane-d5	2.899	69	26235	4.688	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	16398	4.634	ug/L	0.00
21) 2-Butanone-d5	7.087	46	16168m	9.192	ug/L	0.00
24) Chloroform-d	7.654	84	61011	4.663	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	31194	4.692	ug/L	0.00
32) Benzene-d6	8.276	84	128580	4.837	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	39082	4.760	ug/L	0.00
41) Toluene-d8	10.318	98	113918	4.790	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	14050	4.467	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	10664	8.533	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	25619	4.642	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	31381	4.507	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	24637	4.985	ug/L	98
3) Chloromethane	2.222	50	30472	4.599	ug/L	98
5) Vinyl chloride	2.375	62	37047	4.928	ug/L	99
6) Bromomethane	2.789	94	20535	4.952	ug/L	98
8) Chloroethane	2.936	64	21232	4.939	ug/L	100
9) Trichlorofluoromethane	3.271	101	27156	4.773	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	30628m	5.388	ug/L	
12) 1,1-Dichloroethene	4.045	96	29719	5.022	ug/L	91
13) Acetone	4.130	43	16570	8.920	ug/L	98
14) Carbon disulfide	4.387	76	102967	5.058	ug/L	100
15) Methyl Acetate	4.673	43	15152m	5.517	ug/L	
16) Methylene chloride	4.923	84	40131	5.483	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	31554	5.034	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	48105	5.144	ug/L #	95
19) 1,1-Dichloroethane	6.215	63	62431	5.003	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	33566	4.954	ug/L	89
22) 2-Butanone	7.173	43	21711m	9.189	ug/L	
23) Bromochloromethane	7.520	128	14611	5.187	ug/L	88
25) Chloroform	7.679	83	59335	5.122	ug/L	93
27) 1,2-Dichloroethane	8.398	62	38393	5.036	ug/L	99
29) Cyclohexane	7.959	56	61014	5.066	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	47039	5.055	ug/L	98
31) Carbon tetrachloride	8.075	117	40434	4.965	ug/L	99
33) Benzene	8.325	78	134378	5.115	ug/L	100
34) Trichloroethene	9.093	95	35214	5.186	ug/L	97
35) Methylcyclohexane	9.337	83	62516	5.083	ug/L	100
37) 1,2-Dichloropropane	9.367	63	36033	5.217	ug/L #	97
38) Bromodichloromethane	9.648	83	39387	5.013	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	49551	4.852	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	38296	9.929	ug/L	97
42) Toluene	10.385	91	140829	5.167	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	39165	4.773	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	23481	5.229	ug/L	96
46) Tetrachloroethene	10.861	164	24717	5.073	ug/L	93
48) 2-Hexanone	10.965	43	26668	8.689	ug/L	98
49) Dibromochloromethane	11.129	129	22617	4.981	ug/L	90
50) 1,2-Dibromoethane	11.233	107	20922	4.971	ug/L #	98
51) Chlorobenzene	11.654	112	86666	5.167	ug/L	98
52) Ethylbenzene	11.727	91	157758	5.075	ug/L	99
53) m,p-Xylene	11.836	106	57053	4.978	ug/L	98
54) o-Xylene	12.166	106	54885	5.058	ug/L	92
55) Styrene	12.178	104	91578	4.980	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	26204	4.981	ug/L	98
59) Bromoform	12.349	173	11469	4.851	ug/L #	96
60) Isopropylbenzene	12.464	105	150995	5.033	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	19312	5.111	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	112780	4.930	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	115678	4.941	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	62890	5.158	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	62241	5.096	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	55823	5.247	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	4101	4.862	ug/L	95
69) 1,3,5-Trichlorobenzene	14.629	180	42001	5.371	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	33287	5.239	ug/L	96
71) Naphthalene	15.360	128	57649	4.872	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	27766	5.254	ug/L	99

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

