

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091823\
 Data File : VW027118.D
 Acq On : 18 Sep 2023 10:18
 Operator : SY/MD
 Sample : VSTD2.535
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5435

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/19/2023
 Supervised By : Mahesh Dadoda 09/19/2023

Quant Time: Sep 18 22:10:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091823SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 18 22:09:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	512012	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	498518	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	268971	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	23875	2.898	ug/L	0.00
7) Chloroethane-d5	2.899	69	17993	2.828	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	9535	2.700	ug/L	0.00
21) 2-Butanone-d5	7.100	46	8202m	5.501	ug/L	0.02
24) Chloroform-d	7.654	84	42115	2.738	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	20817	2.773	ug/L	0.00
32) Benzene-d6	8.276	84	83955	2.608	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	24270	2.664	ug/L	0.00
41) Toluene-d8	10.325	98	69508	2.426	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	9140	2.483	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	4217m	3.940	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	19077	2.614	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	25158	2.619	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	15697	2.631	ug/L	92
3) Chloromethane	2.216	50	15181	2.429	ug/L	95
5) Vinyl chloride	2.375	62	22249	2.616	ug/L	98
6) Bromomethane	2.783	94	15434	2.613	ug/L	92
8) Chloroethane	2.930	64	12252	2.471	ug/L	99
9) Trichlorofluoromethane	3.265	101	16071	2.434	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	19912	2.617	ug/L #	47
12) 1,1-Dichloroethene	4.045	96	18294	2.450	ug/L	90
13) Acetone	4.131	43	8344	5.790	ug/L	99
14) Carbon disulfide	4.393	76	62232	2.500	ug/L	99
15) Methyl Acetate	4.673	43	7104	2.497	ug/L	96
16) Methylene chloride	4.917	84	28311	2.906	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	19705	2.432	ug/L	93
18) Methyl tert-butyl Ether	5.435	73	23881	2.218	ug/L #	78
19) 1,1-Dichloroethane	6.222	63	35906	2.527	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	19867	2.331	ug/L	98
22) 2-Butanone	7.179	43	10958m	5.734	ug/L	
23) Bromochloromethane	7.514	128	10366	2.642	ug/L	94
25) Chloroform	7.679	83	38111	2.611	ug/L	95
27) 1,2-Dichloroethane	8.398	62	22264	2.518	ug/L #	89
29) Cyclohexane	7.959	56	25084	2.102	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	30425	2.582	ug/L	97
31) Carbon tetrachloride	8.069	117	26265	2.516	ug/L	98
33) Benzene	8.325	78	80068	2.432	ug/L	100
34) Trichloroethene	9.093	95	22169	2.548	ug/L	89
35) Methylcyclohexane	9.337	83	32640	2.199	ug/L	98
37) 1,2-Dichloropropane	9.367	63	21006	2.569	ug/L	98
38) Bromodichloromethane	9.648	83	25042	2.504	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	26615	2.173	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	15503	4.228	ug/L	97
42) Toluene	10.392	91	78653	2.261	ug/L	89
44) trans-1,3-Dichloropropene	10.605	75	23172	2.254	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	16181	2.572	ug/L	95
46) Tetrachloroethene	10.861	164	18562	2.531	ug/L	84
48) 2-Hexanone	10.965	43	11449m	4.434	ug/L	
49) Dibromochloromethane	11.129	129	16219	2.463	ug/L	94
50) 1,2-Dibromoethane	11.233	107	14402	2.494	ug/L #	93
51) Chlorobenzene	11.654	112	56960	2.481	ug/L	96
52) Ethylbenzene	11.727	91	84848	2.224	ug/L	100
53) m,p-Xylene	11.837	106	31203	2.132	ug/L	89
54) o-Xylene	12.160	106	27849	1.998	ug/L	98
55) Styrene	12.178	104	46768	1.958	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	18644	2.529	ug/L	98
59) Bromoform	12.349	173	9557	2.453	ug/L #	89
60) Isopropylbenzene	12.458	105	76922	2.135	ug/L #	96
61) 1,2,3-Trichloropropane	12.763	75	13504	2.692	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	56229	1.950	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	54045	1.934	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	41110	2.413	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	46779	2.641	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	38089	2.445	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	3129	2.817	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.623	180	31104	2.536	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	24852	2.556	ug/L	90
71) Naphthalene	15.360	128	32977	2.039	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	21497	2.449	ug/L	97

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

