

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070323\
 Data File : VW026512.D
 Acq On : 03 Jul 2023 16:42
 Operator : SY/MD
 Sample : VSTD00579
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005479

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/05/2023
 Supervised By : Mahesh Dadoda 07/05/2023

Quant Time: Jul 04 01:41:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 01:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	734541	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	637277	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	316790	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	38842	3.810	ug/L	0.00
7) Chloroethane-d5	2.887	69	33852	4.112	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	22297m	4.429	ug/L	0.00
21) 2-Butanone-d5	7.081	46	34151	8.453	ug/L	0.00
24) Chloroform-d	7.648	84	101072	4.744	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	60238	4.865	ug/L	0.00
32) Benzene-d6	8.270	84	209674	4.906	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	66260	4.859	ug/L	0.00
41) Toluene-d8	10.325	98	188491	4.922	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	25670	4.694	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	22641	9.020	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	53738	4.842	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	58101	4.844	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	34652m	4.378	ug/L	
3) Chloromethane	2.223	50	53588	4.265	ug/L	98
5) Vinyl chloride	2.375	62	53972	4.468	ug/L	95
6) Bromomethane	2.783	94	31892	4.618	ug/L	93
8) Chloroethane	2.930	64	32521	4.576	ug/L	92
9) Trichlorofluoromethane	3.259	101	34133	4.186	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	43172	4.473	ug/L #	70
12) 1,1-Dichloroethene	4.051	96	43223	4.689	ug/L	82
13) Acetone	4.125	43	23833	9.389	ug/L	99
14) Carbon disulfide	4.393	76	140045	4.812	ug/L	98
15) Methyl Acetate	4.673	43	30334	4.692	ug/L	98
16) Methylene chloride	4.917	84	68225	5.380	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	50204	4.960	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	78773m	4.541	ug/L	
19) 1,1-Dichloroethane	6.216	63	105379	4.923	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	55816	4.875	ug/L	98
22) 2-Butanone	7.179	43	40274	8.948	ug/L	99
23) Bromochloromethane	7.514	128	24237	5.006	ug/L	81
25) Chloroform	7.679	83	96983	4.867	ug/L	98
27) 1,2-Dichloroethane	8.398	62	71648	4.936	ug/L	99
29) Cyclohexane	7.953	56	93969	4.983	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	72879	4.882	ug/L	98
31) Carbon tetrachloride	8.069	117	65742	4.898	ug/L	97
33) Benzene	8.325	78	216746	5.003	ug/L	100
34) Trichloroethene	9.093	95	55860	5.030	ug/L	96
35) Methylcyclohexane	9.337	83	94840	4.995	ug/L	98
37) 1,2-Dichloropropane	9.368	63	59653	5.021	ug/L	99
38) Bromodichloromethane	9.648	83	67706	4.874	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	79220	4.561	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	79524	8.856	ug/L	99
42) Toluene	10.386	91	221972	5.026	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	67612	4.627	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	40971	4.971	ug/L	98
46) Tetrachloroethene	10.861	164	37267	4.984	ug/L	96
48) 2-Hexanone	10.971	43	53772	8.871	ug/L	100
49) Dibromochloromethane	11.129	129	39650	4.690	ug/L	93
50) 1,2-Dibromoethane	11.233	107	38185	4.939	ug/L	97
51) Chlorobenzene	11.654	112	139625	5.076	ug/L	98
52) Ethylbenzene	11.727	91	246451	4.933	ug/L	99
53) m,p-Xylene	11.837	106	91733	4.973	ug/L	98
54) o-Xylene	12.166	106	87043	4.946	ug/L	98
55) Styrene	12.178	104	147033	4.906	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	51189	4.788	ug/L	100
59) Bromoform	12.349	173	22513	4.545	ug/L	99
60) Isopropylbenzene	12.465	105	237607	4.819	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	38885	4.736	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	189081	4.750	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	173836	4.528	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	101730	4.925	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	103819	5.003	ug/L	96
67) 1,2-Dichlorobenzene	13.873	146	89837	4.861	ug/L #	85
68) 1,2-Dibromo-3-chloropr...	14.483	75	8479	4.316	ug/L	85
69) 1,3,5-Trichlorobenzene	14.623	180	68988	5.047	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	57987	4.922	ug/L	98
71) Naphthalene	15.360	128	112031	4.285	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	50682	4.824	ug/L	99

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

