

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062923\
 Data File : VW026432.D
 Acq On : 29 Jun 2023 12:43
 Operator : SY/MD
 Sample : VSTD00572
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005472

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 00:48:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 00:47:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	928221	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	804094	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	380641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	48358	4.577	ug/L	0.00
7) Chloroethane-d5	2.893	69	38594	4.488	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	25647	4.791	ug/L	0.00
21) 2-Butanone-d5	7.081	46	40382	10.144	ug/L	0.00
24) Chloroform-d	7.648	84	111294	4.919	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	61279	4.955	ug/L	0.00
32) Benzene-d6	8.270	84	234663	5.018	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	74046	4.968	ug/L	0.00
41) Toluene-d8	10.319	98	209977	5.083	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	29719	4.947	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	24732	9.922	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	55088	4.787	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	66853	5.044	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	43441m	4.881	ug/L	
3) Chloromethane	2.216	50	60228	4.717	ug/L	99
5) Vinyl chloride	2.369	62	66320	5.040	ug/L	99
6) Bromomethane	2.777	94	34974	4.670	ug/L	98
8) Chloroethane	2.930	64	37250	4.668	ug/L	98
9) Trichlorofluoromethane	3.265	101	40291	4.211	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	52350	5.000	ug/L	94
12) 1,1-Dichloroethene	4.039	96	53937	5.207	ug/L	92
13) Acetone	4.112	43	37888	13.428	ug/L	97
14) Carbon disulfide	4.387	76	171890	5.110	ug/L	99
15) Methyl Acetate	4.667	43	31555	5.151	ug/L	95
16) Methylene chloride	4.917	84	112912	7.237	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	58103	5.196	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	92812	5.079	ug/L #	79
19) 1,1-Dichloroethane	6.210	63	116789	5.191	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	61886	4.886	ug/L	96
22) 2-Butanone	7.173	43	50977	11.020	ug/L	76
23) Bromochloromethane	7.514	128	26602	5.050	ug/L	89
25) Chloroform	7.673	83	106681	4.885	ug/L	96
27) 1,2-Dichloroethane	8.398	62	74625	4.998	ug/L	98
29) Cyclohexane	7.953	56	110203	4.835	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	84562	4.937	ug/L	99
31) Carbon tetrachloride	8.063	117	75024	4.865	ug/L	98
33) Benzene	8.319	78	251834	5.001	ug/L	100
34) Trichloroethene	9.087	95	63939	4.985	ug/L	96
35) Methylcyclohexane	9.337	83	112933	4.942	ug/L	98
37) 1,2-Dichloropropane	9.368	63	66923	5.006	ug/L	99
38) Bromodichloromethane	9.642	83	72224	4.814	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	93750	4.686	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	87967	9.584	ug/L	99
42) Toluene	10.386	91	256412	4.977	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	75453	4.614	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	46293	5.084	ug/L	97
46) Tetrachloroethene	10.855	164	46165	5.091	ug/L	95
48) 2-Hexanone	10.965	43	63363	10.285	ug/L	99
49) Dibromochloromethane	11.123	129	41614	4.588	ug/L	96
50) 1,2-Dibromoethane	11.233	107	41600	4.968	ug/L #	95
51) Chlorobenzene	11.654	112	159691	5.010	ug/L	99
52) Ethylbenzene	11.727	91	287558	4.960	ug/L	99
53) m,p-Xylene	11.837	106	106542	4.956	ug/L	99
54) o-Xylene	12.166	106	95798	4.805	ug/L	89
55) Styrene	12.178	104	168426	4.949	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	54841	4.932	ug/L	100
59) Bromoform	12.349	173	23642	4.691	ug/L	94
60) Isopropylbenzene	12.459	105	280185	5.047	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	40752	4.898	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	216030	4.893	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	197030	4.568	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	117149	5.029	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	116441	5.026	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	101186	4.800	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	9388	4.946	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	73127	4.612	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	66316	4.832	ug/L	99
71) Naphthalene	15.360	128	122898	4.393	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	56018	4.746	ug/L	99

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

