

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
 Data File : VW023542.D
 Acq On : 30 Jun 2022 12:32
 Operator : SY/VA
 Sample : VSTD2.533
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 01 05:32:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:29:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	357476	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	325591	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	164009	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	9469	1.855	ug/L	0.00
7) Chloroethane-d5	2.892	69	7298m	2.077	ug/L	0.01
11) 1,1-Dichloroethene-d2	4.007	63	13795	2.180	ug/L	0.00
21) 2-Butanone-d5	7.080	46	6452m	4.860	ug/L	0.00
24) Chloroform-d	7.653	84	24270	2.487	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	13865	2.573	ug/L	0.00
32) Benzene-d6	8.275	84	43120	2.449	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	13731	2.638	ug/L	0.00
41) Toluene-d8	10.323	98	41715	2.436	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	4947	2.146	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	4334	4.390	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	12491	2.500	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	15100	2.524	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	2365	1.602	ug/L	98
3) Chloromethane	2.215	50	10093	2.360	ug/L	100
5) Vinyl chloride	2.355	62	11120	1.931	ug/L	88
6) Bromomethane	2.776	94	8866	2.334	ug/L	98
8) Chloroethane	2.922	64	4626	1.718	ug/L	100
9) Trichlorofluoromethane	3.251	101	8299	3.111	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	10735	2.486	ug/L	90
12) 1,1-Dichloroethene	4.038	96	7793	2.165	ug/L	97
13) Acetone	4.129	43	5048	5.972	ug/L	86
14) Carbon disulfide	4.385	76	17183	1.773	ug/L	99
15) Methyl Acetate	4.678	43	6167m	2.968	ug/L	
16) Methylene chloride	4.916	84	17528	3.437	ug/L	92
17) trans-1,2-Dichloroethene	5.422	96	11074	2.443	ug/L	89
18) Methyl tert-butyl Ether	5.422	73	16101	2.422	ug/L #	82
19) 1,1-Dichloroethane	6.214	63	19887	2.487	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	11587	2.345	ug/L	97
22) 2-Butanone	7.177	43	8062	5.590	ug/L	99
23) Bromochloromethane	7.513	128	6214	2.541	ug/L #	88
25) Chloroform	7.677	83	22736	2.547	ug/L	100
27) 1,2-Dichloroethane	8.397	62	14817	2.510	ug/L #	92
29) Cyclohexane	7.964	56	14359m	2.334	ug/L	
30) 1,1,1-Trichloroethane	7.872	97	18973	2.687	ug/L	97
31) Carbon tetrachloride	8.067	117	16900	2.647	ug/L	97
33) Benzene	8.323	78	48714	2.659	ug/L	100
34) Trichloroethene	9.092	95	13302	2.710	ug/L	89
35) Methylcyclohexane	9.336	83	18669	2.418	ug/L	99
37) 1,2-Dichloropropane	9.372	63	11707	2.642	ug/L #	91
38) Bromodichloromethane	9.640	83	16162	2.548	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	15914	2.320	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	14014	4.826	ug/L	96
42) Toluene	10.384	91	48453	2.392	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.610	75	14814	2.336	ug/L	92
45) 1,1,2-Trichloroethane	10.786	97	9693	2.573	ug/L	93
46) Tetrachloroethene	10.866	164	10002	2.534	ug/L	86
48) 2-Hexanone	10.969	43	9113	4.569	ug/L	99
49) Dibromochloromethane	11.128	129	11241	2.442	ug/L	98
50) 1,2-Dibromoethane	11.238	107	9463	2.521	ug/L #	84
51) Chlorobenzene	11.658	112	35381	2.552	ug/L	98
52) Ethylbenzene	11.725	91	54427	2.408	ug/L	99
53) m,p-Xylene	11.841	106	20564	2.314	ug/L	94
54) o-Xylene	12.164	106	18754	2.235	ug/L	85
55) Styrene	12.183	104	31685	2.160	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	12527	2.585	ug/L #	85
59) Bromoform	12.347	173	5602	2.302	ug/L	94
60) Isopropylbenzene	12.463	105	50744	2.345	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	8992	2.722	ug/L	95
62) 1,3,5-Trimethylbenzene	12.945	105	40326	2.243	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	40027	2.219	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	25919	2.493	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	27933	2.649	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	23095	2.451	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	2168	2.870	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	18276	2.632	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	13479	2.406	ug/L	98
71) Naphthalene	15.365	128	26402	2.271	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	13521	2.644	ug/L	99

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

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