

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024978.D
 Acq On : 26 Oct 2022 10:29
 Operator : SY/VA
 Sample : VSTD2.561
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5461

Quant Time: Oct 27 04:15:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:14:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	316999	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	286729	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	139131	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	8399	2.361	ug/L	0.00
7) Chloroethane-d5	2.891	69	4986	2.392	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.031	63	21889m	2.471	ug/L	0.00
21) 2-Butanone-d5	7.080	46	6178m	5.145	ug/L	0.00
24) Chloroform-d	7.659	84	23012	2.392	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	13242	2.459	ug/L	0.00
32) Benzene-d6	8.275	84	45919	2.499	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	13778	2.559	ug/L	0.00
41) Toluene-d8	10.323	98	42056	2.458	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	5548	2.323	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	4193	4.508	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	10392	2.417	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	13751	2.572	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	2081m	1.913	ug/L	
3) Chloromethane	2.221	50	6683	2.628	ug/L	96
5) Vinyl chloride	2.367	62	8986	2.557	ug/L	94
6) Bromomethane	2.782	94	4806	2.741	ug/L	94
8) Chloroethane	2.922	64	3780	2.579	ug/L	94
9) Trichlorofluoromethane	3.263	101	7656	2.597	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	10753	2.576	ug/L #	91
12) 1,1-Dichloroethene	4.044	96	10343	2.630	ug/L	87
13) Acetone	4.135	43	5866m	6.886	ug/L	
14) Carbon disulfide	4.391	76	29601	2.577	ug/L	98
15) Methyl Acetate	4.684	43	4449m	2.606	ug/L	
16) Methylene chloride	4.922	84	22399	3.980	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	10807	2.567	ug/L	93
18) Methyl tert-butyl Ether	5.434	73	17819	2.523	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	20541	2.635	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	12133	2.644	ug/L	99
22) 2-Butanone	7.177	43	8161	6.385	ug/L #	61
23) Bromochloromethane	7.519	128	5398	2.713	ug/L	95
25) Chloroform	7.683	83	21575	2.622	ug/L	95
27) 1,2-Dichloroethane	8.403	62	14736	2.641	ug/L	98
29) Cyclohexane	7.958	56	17375	2.566	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	19309	2.752	ug/L	97
31) Carbon tetrachloride	8.073	117	16500	2.632	ug/L	98
33) Benzene	8.323	78	47312	2.740	ug/L	100
34) Trichloroethene	9.098	95	12254	2.681	ug/L	95
35) Methylcyclohexane	9.335	83	20232	2.605	ug/L	99
37) 1,2-Dichloropropane	9.372	63	11340	2.706	ug/L	97
38) Bromodichloromethane	9.646	83	14936	2.554	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	16332	2.465	ug/L	95
40) 4-Methyl-2-pentanone	10.213	43	12631	5.136	ug/L	95
42) Toluene	10.390	91	48392	2.640	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	14532	2.467	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	8371	2.646	ug/L	94
46) Tetrachloroethene	10.866	164	9209	2.817	ug/L	91
48) 2-Hexanone	10.969	43	8610	5.062	ug/L	99
49) Dibromochloromethane	11.128	129	9946	2.579	ug/L	95
50) 1,2-Dibromoethane	11.237	107	7686	2.568	ug/L	100
51) Chlorobenzene	11.658	112	32701	2.752	ug/L	97
52) Ethylbenzene	11.731	91	56491	2.670	ug/L	97
53) m,p-Xylene	11.835	106	21862	2.669	ug/L	90
54) o-Xylene	12.164	106	20121	2.604	ug/L	92
55) Styrene	12.182	104	34068	2.538	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	9854	2.596	ug/L	94
59) Bromoform	12.347	173	5092	2.588	ug/L #	93
60) Isopropylbenzene	12.463	105	55474	2.652	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	7559	2.704	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	48347	2.663	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	45769	2.570	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	24956	2.861	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	24255	2.786	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	21598	2.753	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	1600	2.477	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.621	180	15911	2.754	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	11606	2.584	ug/L	98
71) Naphthalene	15.365	128	22669	2.393	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	10211	2.609	ug/L	95

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

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