

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024983.D
 Acq On : 26 Oct 2022 12:54
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV466

Quant Time: Oct 27 04:41:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:34:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	315802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	294381	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	149521	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	96027	27.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.360%	
7) Chloroethane-d5	2.891	69	58248	28.052	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.200%	
11) 1,1-Dichloroethene-d2	4.025	63	230611	26.118	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.480%	
21) 2-Butanone-d5	7.080	46	66051	55.212	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.420%	
24) Chloroform-d	7.647	84	261528	27.288	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.160%	
26) 1,2-Dichloroethane-d4	8.305	65	145241	27.073	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.280%	
32) Benzene-d6	8.275	84	519566	27.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 110.160%	
36) 1,2-Dichloropropane-d6	9.274	67	151376	27.380	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 109.520%	
41) Toluene-d8	10.323	98	473536	26.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 107.840%	
43) trans-1,3-Dichloroprop...	10.579	79	66389	27.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 108.320%	
47) 2-Hexanone-d5	10.921	63	54173	56.724	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 113.440%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119889	27.158	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 108.640%	
66) 1,2-Dichlorobenzene-d4	13.847	152	154142	26.826	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	30019	28.499	ug/L	97
3) Chloromethane	2.221	50	62709	24.752	ug/L	97
5) Vinyl chloride	2.367	62	87159	24.899	ug/L	95
6) Bromomethane	2.782	94	42902	24.559	ug/L	98
8) Chloroethane	2.928	64	36385	24.917	ug/L	98
9) Trichlorofluoromethane	3.263	101	66735	22.726	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	100765	24.231	ug/L	99
12) 1,1-Dichloroethene	4.044	96	94214	24.050	ug/L	99
13) Acetone	4.123	43	36381	42.808	ug/L	99
14) Carbon disulfide	4.391	76	281260	24.578	ug/L	98
15) Methyl Acetate	4.666	43	43849m	25.915	ug/L	
16) Methylene chloride	4.915	84	111277	19.846	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	103456	24.663	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	181397	25.780	ug/L	99
19) 1,1-Dichloroethane	6.220	63	191748	24.691	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	114984	25.150	ug/L	98
22) 2-Butanone	7.171	43	57500	45.158	ug/L	99
23) Bromochloromethane	7.513	128	49015	24.730	ug/L	96
25) Chloroform	7.677	83	201456	24.579	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	136918	24.628	ug/L	100
29) Cyclohexane	7.958	56	168459	24.235	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	172195	23.903	ug/L	98
31) Carbon tetrachloride	8.067	117	153342	23.821	ug/L	100
33) Benzene	8.323	78	433350	24.445	ug/L	100
34) Trichloroethene	9.092	95	112464	23.965	ug/L	98
35) Methylcyclohexane	9.335	83	193507	24.267	ug/L	99
37) 1,2-Dichloropropane	9.366	63	106407	24.731	ug/L	100
38) Bromodichloromethane	9.646	83	148490	24.728	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	173584	25.520	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	129039	51.107	ug/L	99
42) Toluene	10.384	91	458732	24.374	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	154155	25.493	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	80181	24.681	ug/L	97
46) Tetrachloroethene	10.866	164	80906	24.107	ug/L	90
48) 2-Hexanone	10.963	43	88115	50.462	ug/L	99
49) Dibromochloromethane	11.128	129	97712	24.675	ug/L	98
50) 1,2-Dibromoethane	11.231	107	75915	24.708	ug/L	99
51) Chlorobenzene	11.658	112	294674	24.155	ug/L	97
52) Ethylbenzene	11.731	91	523768	24.110	ug/L	97
53) m,p-Xylene	11.835	106	201883	24.007	ug/L	95
54) o-Xylene	12.164	106	193716	24.418	ug/L	100
55) Styrene	12.176	104	336630	24.430	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	97736	25.079	ug/L	97
59) Bromoform	12.347	173	51254	24.236	ug/L	98
60) Isopropylbenzene	12.463	105	528579	23.514	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	72975	24.293	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	464867	23.822	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	464518	24.275	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	223754	23.865	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	217261	23.224	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	200608	23.797	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16992	24.477	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	150102	24.171	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	121229	25.117	ug/L	99
71) Naphthalene	15.359	128	264841	26.011	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	106808	25.397	ug/L	98

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

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