

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023646.D
 Acq On : 13 Jul 2022 14:09
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV455

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/14/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 14 01:57:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 01:43:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	225700	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	232558	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	134275	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	165194	28.657	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.640%			
7) Chloroethane-d5	2.879	69	108073	28.103	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.400%			
11) 1,1-Dichloroethene-d2	4.019	63	118531	25.251	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.000%			
21) 2-Butanone-d5	7.080	46	45705	51.116	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.240%			
24) Chloroform-d	7.647	84	167081	25.426	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.720%			
26) 1,2-Dichloroethane-d4	8.305	65	101664	25.296	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.200%			
32) Benzene-d6	8.275	84	325498	26.925	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.680%			
36) 1,2-Dichloropropane-d6	9.275	67	95460	26.215	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.840%			
41) Toluene-d8	10.323	98	324824	26.490	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.960%			
43) trans-1,3-Dichloroprop...	10.579	79	46171	27.050	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.200%			
47) 2-Hexanone-d5	10.921	63	42942	56.080	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.160%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	109134	27.119	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.480%			
66) 1,2-Dichlorobenzene-d4	13.853	152	123282	25.719	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	45036m	29.363	ug/L	
3) Chloromethane	2.215	50	94654	25.200	ug/L	100
5) Vinyl chloride	2.355	62	164270	25.469	ug/L	99
6) Bromomethane	2.770	94	96667	23.171	ug/L	99
8) Chloroethane	2.916	64	78942	26.162	ug/L	97
9) Trichlorofluoromethane	3.251	101	63006	21.490	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	67580	23.553	ug/L	99
12) 1,1-Dichloroethene	4.032	96	56680	23.691	ug/L	90
13) Acetone	4.123	43	26724	42.273	ug/L	97
14) Carbon disulfide	4.379	76	155894	22.151	ug/L	98
15) Methyl Acetate	4.678	43	35444	25.051	ug/L	99
16) Methylene chloride	4.916	84	72642	20.583	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	68626	23.641	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	114231	25.436	ug/L #	88
19) 1,1-Dichloroethane	6.214	63	132492	24.744	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	78707	24.474	ug/L #	94
22) 2-Butanone	7.177	43	53846	51.830	ug/L	98
23) Bromochloromethane	7.519	128	39465	25.546	ug/L	94
25) Chloroform	7.677	83	154606	25.063	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	115235	25.382	ug/L	97
29) Cyclohexane	7.952	56	105472	24.798	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	121816	24.192	ug/L	99
31) Carbon tetrachloride	8.067	117	110962	24.446	ug/L	97
33) Benzene	8.323	78	326554	24.710	ug/L	100
34) Trichloroethene	9.092	95	82784	23.722	ug/L	96
35) Methylcyclohexane	9.336	83	132527	24.939	ug/L	98
37) 1,2-Dichloropropane	9.366	63	82147	24.794	ug/L	100
38) Bromodichloromethane	9.646	83	121784	26.336	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	128971	25.826	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	129291	56.078	ug/L	99
42) Toluene	10.384	91	396233	26.290	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	129817	27.350	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	75564	26.083	ug/L	99
46) Tetrachloroethene	10.866	164	64067	23.742	ug/L	94
48) 2-Hexanone	10.969	43	96157	57.283	ug/L	99
49) Dibromochloromethane	11.128	129	90642	26.979	ug/L	95
50) 1,2-Dibromoethane	11.232	107	75454	27.110	ug/L	97
51) Chlorobenzene	11.652	112	257731	25.355	ug/L	100
52) Ethylbenzene	11.731	91	454512	26.538	ug/L	99
53) m,p-Xylene	11.835	106	175410	26.250	ug/L	95
54) o-Xylene	12.164	106	173116	26.976	ug/L	96
55) Styrene	12.176	104	320800	28.296	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	108682	27.503	ug/L	98
59) Bromoform	12.347	173	52517	26.524	ug/L #	97
60) Isopropylbenzene	12.463	105	484629	26.868	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	77823	26.432	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	408923	27.691	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	409816	27.758	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	214894	26.240	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	221145	25.382	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	206289	26.709	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17523	25.804	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	141723	26.145	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	110665	26.439	ug/L	99
71) Naphthalene	15.365	128	267091	29.748	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	105329	26.998	ug/L	99

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

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