

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070921\
 Data File : VW019394.D
 Acq On : 09 Jul 2021 13:11
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV423

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:45:39 PM

Quant Time: Jul 10 00:39:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 09 12:42:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	537864	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	499907	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	239630	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	180684	23.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.840%
7) Chloroethane-d5	2.897	69	129665	23.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.440%
11) 1,1-Dichloroethene-d2	4.031	63	341992m	23.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.040%
21) 2-Butanone-d5	7.086	46	98995	44.756	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.520%
24) Chloroform-d	7.653	84	340709	22.925	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.720%
26) 1,2-Dichloroethane-d4	8.305	65	187385	22.976	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.920%
32) Benzene-d6	8.281	84	690960	23.220	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.880%
36) 1,2-Dichloropropane-d6	9.274	67	213449	23.014	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.040%
41) Toluene-d8	10.329	98	624170	23.264	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.040%
43) trans-1,3-Dichloroprop...	10.579	79	94450	23.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.120%
47) 2-Hexanone-d5	10.926	63	79680	46.306	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.620%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	172155	22.971	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	206464	24.420	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	147941	23.090	ug/L	92
3) Chloromethane	2.215	50	157981	24.029	ug/L	100
5) Vinyl chloride	2.367	62	215833	23.851	ug/L	96
6) Bromomethane	2.788	94	120428	24.069	ug/L	100
8) Chloroethane	2.928	64	118934	24.693	ug/L	99
9) Trichlorofluoromethane	3.263	101	130889	23.811	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	165865	23.588	ug/L	94
12) 1,1-Dichloroethene	4.050	96	170903	24.339	ug/L	92
13) Acetone	4.141	43	67261	41.269	ug/L	86
14) Carbon disulfide	4.391	76	552410	24.567	ug/L	100
15) Methyl Acetate	4.678	43	89310	24.620	ug/L	99
16) Methylene chloride	4.921	84	217477	20.282	ug/L	98
17) trans-1,2-Dichloroethene	5.427	96	188713	24.713	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	265798	25.194	ug/L	96
19) 1,1-Dichloroethane	6.220	63	345233	24.624	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	201521	24.952	ug/L	95
22) 2-Butanone	7.177	43	113185	44.881	ug/L	97
23) Bromochloromethane	7.519	128	88150	24.235	ug/L	85
25) Chloroform	7.677	83	341391	24.617	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	232802	24.950	ug/L	98
29) Cyclohexane	7.957	56	323139	25.206	ug/L	93
30) 1,1,1-Trichloroethane	7.878	97	257096	24.919	ug/L	99
31) Carbon tetrachloride	8.073	117	236843	24.673	ug/L	100
33) Benzene	8.323	78	786974	25.150	ug/L	100
34) Trichloroethene	9.091	95	194590	24.366	ug/L	93
35) Methylcyclohexane	9.341	83	351965	24.905	ug/L	95
37) 1,2-Dichloropropane	9.372	63	200161	25.243	ug/L	98
38) Bromodichloromethane	9.646	83	247854	25.208	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	309614	25.532	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	250374	50.027	ug/L	97
42) Toluene	10.390	91	826286	25.336	ug/L	96
44) trans-1,3-Dichloropropene	10.609	75	271993	25.499	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	146329	24.801	ug/L	95
46) Tetrachloroethene	10.865	164	152110	24.991	ug/L	94
48) 2-Hexanone	10.969	43	169344	49.680	ug/L	96
49) Dibromochloromethane	11.128	129	162077	25.544	ug/L	96
50) 1,2-Dibromoethane	11.237	107	141817	25.060	ug/L	98
51) Chlorobenzene	11.658	112	508813	24.810	ug/L	98
52) Ethylbenzene	11.731	91	890980	25.094	ug/L	98
53) m,p-Xylene	11.841	106	342007	25.489	ug/L	94
54) o-Xylene	12.164	106	323628	25.523	ug/L	98
55) Styrene	12.182	104	571830	26.028	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	178120	24.514	ug/L	97
59) Bromoform	12.347	173	89774	26.247	ug/L	96
60) Isopropylbenzene	12.463	105	875744	27.193	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	135179	25.752	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	742652	27.541	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	740984	27.272	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	376390	25.540	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	371034	25.479	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	342282	25.781	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	29775	25.993	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	276901	25.715	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	222389	24.702	ug/L	97
71) Naphthalene	15.365	128	493690	27.151	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	205098	25.439	ug/L	98

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

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