

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090222\
 Data File : VW024527.D
 Acq On : 02 Sep 2022 12:01
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV430

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/05/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 02 23:53:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 02 23:48:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	355314	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	347018	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	193247	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	178836	25.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.880%
7) Chloroethane-d5	2.873	69	137076	25.962	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.840%
11) 1,1-Dichloroethene-d2	4.019	63	200866	24.055	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.240%
21) 2-Butanone-d5	7.074	46	57951	51.820	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.640%
24) Chloroform-d	7.647	84	226363	23.925	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.720%
26) 1,2-Dichloroethane-d4	8.305	65	126264	24.711	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.840%
32) Benzene-d6	8.268	84	448418	24.772	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.080%
36) 1,2-Dichloropropane-d6	9.274	67	128378	24.237	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	10.323	98	430774	24.988	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.960%
43) trans-1,3-Dichloroprop...	10.579	79	57643	24.947	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.800%
47) 2-Hexanone-d5	10.920	63	50045	55.159	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	122230	25.384	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.520%
66) 1,2-Dichlorobenzene-d4	13.847	152	149140	23.592	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	28644	28.252	ug/L	95
3) Chloromethane	2.215	50	126107	25.489	ug/L	99
5) Vinyl chloride	2.355	62	207121	23.585	ug/L	99
6) Bromomethane	2.769	94	143198	24.041	ug/L	98
8) Chloroethane	2.910	64	114752	24.709	ug/L	97
9) Trichlorofluoromethane	3.245	101	107806	32.513	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	118481	23.848	ug/L	98
12) 1,1-Dichloroethene	4.031	96	105108	23.952	ug/L	90
13) Acetone	4.117	43	45003	51.709	ug/L	94
14) Carbon disulfide	4.379	76	281247	23.315	ug/L	99
15) Methyl Acetate	4.672	43	54687	25.838	ug/L	97
16) Methylene chloride	4.909	84	117879	23.436	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	119552	24.566	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	223596	26.505	ug/L	99
19) 1,1-Dichloroethane	6.208	63	214417	24.329	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	135319m	25.602	ug/L	
22) 2-Butanone	7.171	43	75147	52.809	ug/L	99
23) Bromochloromethane	7.519	128	62059	25.250	ug/L	79
25) Chloroform	7.671	83	240955	24.902	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	162729	25.604	ug/L	96
29) Cyclohexane	7.951	56	181375	25.173	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	196041	24.975	ug/L	98
31) Carbon tetrachloride	8.067	117	176593	24.812	ug/L	98
33) Benzene	8.323	78	519242	25.162	ug/L	100
34) Trichloroethene	9.091	95	133411	24.357	ug/L	96
35) Methylcyclohexane	9.329	83	215381	24.848	ug/L	99
37) 1,2-Dichloropropane	9.366	63	127916	25.725	ug/L	99
38) Bromodichloromethane	9.640	83	181544	25.828	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	197709	26.409	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	179534	58.056	ug/L	98
42) Toluene	10.384	91	581941	25.898	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	182005	27.103	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	108317	26.090	ug/L	98
46) Tetrachloroethene	10.859	164	100182	25.028	ug/L	82
48) 2-Hexanone	10.969	43	126467	61.468	ug/L	98
49) Dibromochloromethane	11.128	129	134339	27.539	ug/L	99
50) 1,2-Dibromoethane	11.231	107	106116	26.989	ug/L	94
51) Chlorobenzene	11.652	112	388467	25.475	ug/L	97
52) Ethylbenzene	11.725	91	645821	25.675	ug/L	99
53) m,p-Xylene	11.835	106	259005	26.330	ug/L	98
54) o-Xylene	12.164	106	248186	26.356	ug/L	98
55) Styrene	12.176	104	443637	27.122	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	140079	27.264	ug/L	94
59) Bromoform	12.347	173	70294	25.055	ug/L	97
60) Isopropylbenzene	12.463	105	681520	24.947	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	100018	25.638	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	576773	25.594	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	572791	25.970	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	300151	24.666	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	312879	25.097	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	287826	25.620	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	21323	24.149	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	200306	25.604	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	160166	26.774	ug/L	98
71) Naphthalene	15.359	128	367061	29.023	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	149015	27.620	ug/L	93

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

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