

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040122\
 Data File : VW022365.D
 Acq On : 01 Apr 2022 14:08
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV467

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 02 01:54:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 02 01:46:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	334240	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	319693	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175016	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	107050	19.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.160%
7) Chloroethane-d5	2.891	69	61359	18.763	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.040%
11) 1,1-Dichloroethene-d2	4.025	63	173002	21.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.160%
21) 2-Butanone-d5	7.074	46	56407	42.142	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.280%
24) Chloroform-d	7.647	84	198346	21.283	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.120%
26) 1,2-Dichloroethane-d4	8.305	65	117790	21.375	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.480%
32) Benzene-d6	8.275	84	387632	22.080	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.320%
36) 1,2-Dichloropropane-d6	9.274	67	116509	22.106	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.440%
41) Toluene-d8	10.323	98	370631	22.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.760%
43) trans-1,3-Dichloroprop...	10.573	79	58699	22.148	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.600%
47) 2-Hexanone-d5	10.920	63	45177	41.845	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.680%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	95817	21.550	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	118819	21.030	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.120%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	36838	20.942	ug/L	99
3) Chloromethane	2.221	50	77016	18.953	ug/L	96
5) Vinyl chloride	2.367	62	134866	20.315	ug/L	99
6) Bromomethane	2.782	94	68630	20.074	ug/L	91
8) Chloroethane	2.922	64	54328	19.677	ug/L	93
9) Trichlorofluoromethane	3.263	101	44759	22.769	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	92449	20.577	ug/L	94
12) 1,1-Dichloroethene	4.044	96	88219	20.950	ug/L	70
13) Acetone	4.123	43	34541	37.685	ug/L	87
14) Carbon disulfide	4.391	76	288387	21.708	ug/L	97
15) Methyl Acetate	4.672	43	46779	19.565	ug/L	# 89
16) Methylene chloride	4.921	84	96649	19.311	ug/L	80
17) trans-1,2-Dichloroethene	5.427	96	100859	20.222	ug/L	85
18) Methyl tert-butyl Ether	5.427	73	180421	20.755	ug/L	# 94
19) 1,1-Dichloroethane	6.214	63	192546	21.023	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	109447	20.605	ug/L	79
22) 2-Butanone	7.171	43	58665	40.577	ug/L	89
23) Bromochloromethane	7.512	128	49824	21.384	ug/L	# 68
25) Chloroform	7.677	83	197533	21.129	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	147864	21.064	ug/L #	94
29) Cyclohexane	7.951	56	181493	20.853	ug/L	89
30) 1,1,1-Trichloroethane	7.872	97	166968	21.185	ug/L	94
31) Carbon tetrachloride	8.067	117	152204	21.440	ug/L	97
33) Benzene	8.323	78	445965	21.732	ug/L	100
34) Trichloroethene	9.091	95	114587	21.497	ug/L	91
35) Methylcyclohexane	9.335	83	199968	21.309	ug/L	89
37) 1,2-Dichloropropane	9.366	63	111693	21.963	ug/L	98
38) Bromodichloromethane	9.646	83	150352	21.198	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	175301	21.082	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	147118	41.140	ug/L #	91
42) Toluene	10.384	91	495215	21.696	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	163794	21.269	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	80461	21.155	ug/L	95
46) Tetrachloroethene	10.859	164	79864	20.894	ug/L	86
48) 2-Hexanone	10.963	43	102909	40.763	ug/L #	94
49) Dibromochloromethane	11.128	129	98212	20.858	ug/L	92
50) 1,2-Dibromoethane	11.231	107	79817	20.664	ug/L	97
51) Chlorobenzene	11.652	112	295980	20.973	ug/L #	90
52) Ethylbenzene	11.725	91	554769	21.914	ug/L	92
53) m,p-Xylene	11.835	106	213618	22.107	ug/L	93
54) o-Xylene	12.164	106	198281	21.183	ug/L	81
55) Styrene	12.176	104	351254m	21.605	ug/L	
57) 1,1,2,2-Tetrachloroethane	12.713	83	101394	20.818	ug/L #	99
59) Bromoform	12.347	173	54531	20.911	ug/L	97
60) Isopropylbenzene	12.463	105	562153	21.384	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	75174	19.764	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	310929	21.213	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	465326	21.152	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	228133	21.896	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	229987	21.035	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	208940	21.797	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	18100	18.465	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	147320	20.876	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	122849	21.233	ug/L	98
71) Naphthalene	15.359	128	279066	20.806	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	110241	21.754	ug/L	97

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

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