

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021833.D
 Acq On : 11 Jan 2022 15:06
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV449

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 00:42:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:38:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	132075	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	130738	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	78432	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	58367	23.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.120%
7) Chloroethane-d5	2.885	69	47571	21.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.840%
11) 1,1-Dichloroethene-d2	4.019	63	91801	23.687	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.760%
21) 2-Butanone-d5	7.086	46	17764	51.269	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.540%
24) Chloroform-d	7.653	84	101516	23.792	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.160%
26) 1,2-Dichloroethane-d4	8.305	65	48951	23.757	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.040%
32) Benzene-d6	8.274	84	202895	23.917	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.274	67	53197	23.792	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.160%
41) Toluene-d8	10.323	98	205055	23.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.920%
43) trans-1,3-Dichloroprop...	10.579	79	23300	24.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.160%
47) 2-Hexanone-d5	10.926	63	16860	55.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.140%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	43005	24.596	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	77177	23.931	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.720%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	14113	27.105	ug/L	100
3) Chloromethane	2.215	50	42108	22.305	ug/L	100
5) Vinyl chloride	2.361	62	58350	21.516	ug/L	99
6) Bromomethane	2.782	94	48448	25.266	ug/L	98
8) Chloroethane	2.922	64	32883	20.063	ug/L	98
9) Trichlorofluoromethane	3.263	101	42133	20.907	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	50761m	23.140	ug/L	
12) 1,1-Dichloroethene	4.037	96	45053	22.853	ug/L	75
13) Acetone	4.147	43	12969	45.305	ug/L	85
14) Carbon disulfide	4.385	76	120370	23.322	ug/L	100
15) Methyl Acetate	4.684	43	14203	24.548	ug/L #	84
16) Methylene chloride	4.915	84	46393	20.525	ug/L	76
17) trans-1,2-Dichloroethene	5.427	96	49141	23.068	ug/L	78
18) Methyl tert-butyl Ether	5.434	73	65262	24.024	ug/L #	90
19) 1,1-Dichloroethane	6.220	63	72253	23.128	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	51958	23.710	ug/L	71
22) 2-Butanone	7.177	43	18111	49.496	ug/L	80
23) Bromochloromethane	7.519	128	25966	23.813	ug/L #	53
25) Chloroform	7.677	83	85483	23.126	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	50105	23.408	ug/L #	92
29) Cyclohexane	7.957	56	67612	23.117	ug/L #	76
30) 1,1,1-Trichloroethane	7.872	97	78280	23.100	ug/L #	92
31) Carbon tetrachloride	8.067	117	76426	23.273	ug/L	97
33) Benzene	8.323	78	183502	22.890	ug/L	100
34) Trichloroethene	9.091	95	53013	22.793	ug/L	89
35) Methylcyclohexane	9.335	83	88099	23.034	ug/L #	80
37) 1,2-Dichloropropane	9.366	63	39872	22.830	ug/L #	93
38) Bromodichloromethane	9.646	83	58203	23.873	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	66516	24.511	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	40496	49.361	ug/L #	85
42) Toluene	10.390	91	208639	23.205	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	55578	24.470	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	34630	23.355	ug/L	95
46) Tetrachloroethene	10.859	164	51755	22.503	ug/L	96
48) 2-Hexanone	10.969	43	28768	51.250	ug/L #	86
49) Dibromochloromethane	11.128	129	46710	25.001	ug/L	99
50) 1,2-Dibromoethane	11.231	107	36658	24.906	ug/L #	97
51) Chlorobenzene	11.658	112	146349	23.053	ug/L #	87
52) Ethylbenzene	11.731	91	233806	23.408	ug/L	94
53) m,p-Xylene	11.835	106	96613	23.132	ug/L	82
54) o-Xylene	12.164	106	93124	24.017	ug/L	87
55) Styrene	12.176	104	154510	24.137	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	37894	23.752	ug/L #	95
59) Bromoform	12.347	173	25242	23.605	ug/L	99
60) Isopropylbenzene	12.463	105	251150	23.515	ug/L	92
61) 1,2,3-Trichloropropane	12.768	75	28478	25.407	ug/L #	89
62) 1,3,5-Trimethylbenzene	12.938	105	218475	24.702	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	213536	24.480	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	125136	23.303	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	122836	23.168	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	107575	22.881	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	5437	25.119	ug/L #	61
69) 1,3,5-Trichlorobenzene	14.621	180	93187	23.348	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	73486	23.108	ug/L	92
71) Naphthalene	15.365	128	121017	24.669	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	61228	23.314	ug/L	97

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

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