

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010622\
 Data File : VW021750.D
 Acq On : 06 Jan 2022 11:58
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025522

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/11/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 06 14:55:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 04 00:22:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	142022	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	139869	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75872	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	62340	22.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.040%
7) Chloroethane-d5	2.885	69	42192	22.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.480%
11) 1,1-Dichloroethene-d2	4.019	63	100801	24.599	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.400%
21) 2-Butanone-d5	7.086	46	19143	46.727	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.460%
24) Chloroform-d	7.647	84	114939	25.908	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.640%
26) 1,2-Dichloroethane-d4	8.305	65	54767	23.379	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.520%
32) Benzene-d6	8.275	84	224903	27.080	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.320%
36) 1,2-Dichloropropane-d6	9.275	67	60825	26.998	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.000%
41) Toluene-d8	10.323	98	219633	26.542	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.160%
43) trans-1,3-Dichloroprop...	10.579	79	25542	23.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.200%
47) 2-Hexanone-d5	10.921	63	15693	45.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.860%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	44018	23.698	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	76800	26.470	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.880%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	18192	21.602	ug/L	100
3) Chloromethane	2.215	50	46073	21.182	ug/L	98
5) Vinyl chloride	2.361	62	69005	21.510	ug/L	98
6) Bromomethane	2.782	94	45511	21.803	ug/L	100
8) Chloroethane	2.922	64	31701	20.737	ug/L	100
9) Trichlorofluoromethane	3.263	101	45072	23.351	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	55616	23.659	ug/L	92
12) 1,1-Dichloroethene	4.044	96	50358	23.952	ug/L	72
13) Acetone	4.135	43	13904	39.972	ug/L	86
14) Carbon disulfide	4.385	76	142747	23.462	ug/L	98
15) Methyl Acetate	4.678	43	14196	21.390	ug/L	# 85
16) Methylene chloride	4.916	84	58244m	22.973	ug/L	
17) trans-1,2-Dichloroethene	5.428	96	55612	25.038	ug/L	77
18) Methyl tert-butyl Ether	5.428	73	67846	21.937	ug/L	# 90
19) 1,1-Dichloroethane	6.220	63	84232	24.308	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	57560	24.966	ug/L	70
22) 2-Butanone	7.177	43	19288	40.788	ug/L	82
23) Bromochloromethane	7.513	128	26993	24.220	ug/L	# 59
25) Chloroform	7.677	83	94325	23.598	ug/L	97

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27) 1,2-Dichloroethane	8.397	62	54415	20.988	ug/L	95
29) Cyclohexane	7.958	56	77910	24.087	ug/L #	75
30) 1,1,1-Trichloroethane	7.872	97	86746	23.506	ug/L #	92
31) Carbon tetrachloride	8.067	117	85396	23.796	ug/L	100
33) Benzene	8.323	78	208566	24.439	ug/L	100
34) Trichloroethene	9.092	95	58497	24.146	ug/L	92
35) Methylcyclohexane	9.335	83	99281	24.838	ug/L #	81
37) 1,2-Dichloropropane	9.372	63	44966	23.775	ug/L #	95
38) Bromodichloromethane	9.646	83	64000	22.170	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	72963	23.611	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	40804	39.164	ug/L #	87
42) Toluene	10.390	91	237285	24.086	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	60532	21.802	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	35984	22.906	ug/L	93
46) Tetrachloroethene	10.866	164	55624	24.518	ug/L	92
48) 2-Hexanone	10.969	43	27885	39.410	ug/L #	86
49) Dibromochloromethane	11.128	129	47232	22.377	ug/L	95
50) 1,2-Dibromoethane	11.232	107	36797	23.322	ug/L	97
51) Chlorobenzene	11.658	112	157062	24.709	ug/L	89
52) Ethylbenzene	11.731	91	255947	23.145	ug/L	91
53) m,p-Xylene	11.835	106	106969	24.141	ug/L	87
54) o-Xylene	12.164	106	100437	23.915	ug/L	93
55) Styrene	12.183	104	165807	22.989	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	36909	21.240	ug/L #	96
59) Bromoform	12.347	173	23883	21.568	ug/L	97
60) Isopropylbenzene	12.463	105	275284	26.028	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	26918	23.185	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	229838	25.704	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	226590	25.511	ug/L	93
64) 1,3-Dichlorobenzene	13.493	146	122784	24.588	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	121082	24.317	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	107349	24.622	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	4801	18.780	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.627	180	87617	23.885	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	68193	23.289	ug/L	93
71) Naphthalene	15.365	128	105078	22.056	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	55159	22.378	ug/L	98

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

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