

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112921\
 Data File : VW020972.D
 Acq On : 29 Nov 2021 09:10
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025497

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/30/2021
 Supervised By : Mahesh Dadoda 11/30/2021

Quant Time: Nov 30 00:53:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 27 00:54:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	116822	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	107909	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	59685	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	30925	22.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.280%
7) Chloroethane-d5	2.891	69	23654	27.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.280%
11) 1,1-Dichloroethene-d2	4.025	63	66784	25.472	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.880%
21) 2-Butanone-d5	7.080	46	18039	53.334	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.660%
24) Chloroform-d	7.653	84	77015	26.164	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.640%
26) 1,2-Dichloroethane-d4	8.311	65	38663	25.877	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.520%
32) Benzene-d6	8.275	84	143405	25.215	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.840%
36) 1,2-Dichloropropane-d6	9.274	67	40896	25.252	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.000%
41) Toluene-d8	10.323	98	145421	25.761	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.040%
43) trans-1,3-Dichloroprop...	10.579	79	19311	25.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.920%
47) 2-Hexanone-d5	10.927	63	14623	54.441	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.880%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	34650	27.929	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	56417	26.521	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	10880m	32.180	ug/L	
3) Chloromethane	2.221	50	21808	21.216	ug/L	95
5) Vinyl chloride	2.367	62	45694	25.701	ug/L	99
6) Bromomethane	2.782	94	29812	30.240	ug/L	99
8) Chloroethane	2.928	64	20453	27.364	ug/L	100
9) Trichlorofluoromethane	3.263	101	31726	30.635	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	41004	26.045	ug/L	90
12) 1,1-Dichloroethene	4.044	96	37186	25.405	ug/L	77
13) Acetone	4.129	43	14954	49.520	ug/L	92
14) Carbon disulfide	4.391	76	90693	22.910	ug/L	99
15) Methyl Acetate	4.678	43	13925	25.713	ug/L	# 88
16) Methylene chloride	4.922	84	37370	22.936	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	38426	24.358	ug/L	84
18) Methyl tert-butyl Ether	5.434	73	61052	25.782	ug/L	93
19) 1,1-Dichloroethane	6.220	63	65723	25.144	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	43082	25.339	ug/L	76
22) 2-Butanone	7.171	43	20140	49.088	ug/L	88
23) Bromochloromethane	7.519	128	19883	25.580	ug/L	# 71
25) Chloroform	7.683	83	73417	25.697	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	44581	25.770	ug/L #	94
29) Cyclohexane	7.958	56	56502	23.486	ug/L #	82
30) 1,1,1-Trichloroethane	7.878	97	66431	25.600	ug/L	94
31) Carbon tetrachloride	8.073	117	63265	25.759	ug/L	100
33) Benzene	8.329	78	150574	24.645	ug/L	100
34) Trichloroethene	9.091	95	43161	25.256	ug/L	89
35) Methylcyclohexane	9.341	83	68262	24.227	ug/L	86
37) 1,2-Dichloropropane	9.372	63	36405	25.602	ug/L #	96
38) Bromodichloromethane	9.646	83	53425	26.181	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	60264	25.669	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	43918	51.892	ug/L #	93
42) Toluene	10.390	91	177331	25.804	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	52950	25.663	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	29068	26.284	ug/L	94
46) Tetrachloroethene	10.866	164	40421	25.761	ug/L	95
48) 2-Hexanone	10.969	43	32390	55.250	ug/L #	96
49) Dibromochloromethane	11.128	129	39011	25.587	ug/L	92
50) 1,2-Dibromoethane	11.237	107	29074	26.222	ug/L	98
51) Chlorobenzene	11.658	112	115048	25.171	ug/L	94
52) Ethylbenzene	11.731	91	195534	25.677	ug/L	97
53) m,p-Xylene	11.841	106	78406	25.218	ug/L	88
54) o-Xylene	12.164	106	76455	25.605	ug/L	82
55) Styrene	12.176	104	127259	25.667	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	33834	27.603	ug/L #	96
59) Bromoform	12.347	173	21668	24.348	ug/L #	98
60) Isopropylbenzene	12.463	105	206542	25.407	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	23813	27.200	ug/L	93
62) 1,3,5-Trimethylbenzene	12.944	105	178685	26.056	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	174727	25.824	ug/L	94
64) 1,3-Dichlorobenzene	13.493	146	96271	25.259	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	96784	25.174	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	84464	25.149	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5300	25.322	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.627	180	74524	24.687	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	60056	24.318	ug/L	95
71) Naphthalene	15.365	128	104009	25.847	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	51521	24.722	ug/L	98

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

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