

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112921\
 Data File : VW020984.D
 Acq On : 29 Nov 2021 16:04
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025498

Quant Time: Nov 30 00:58:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 30 00:55:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	110169	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	99610	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	55675	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	26487	20.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.920%
7) Chloroethane-d5	2.885	69	19990	24.255	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	4.019	63	57209	23.138	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.560%
21) 2-Butanone-d5	7.080	46	14798	46.394	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.780%
24) Chloroform-d	7.653	84	66876	24.092	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.360%
26) 1,2-Dichloroethane-d4	8.305	65	34237	24.299	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	8.275	84	128094	24.399	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	9.274	67	35988	24.073	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	10.323	98	128303	24.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.480%
43) trans-1,3-Dichloroprop...	10.579	79	16433	23.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.040%
47) 2-Hexanone-d5	10.920	63	12213	49.257	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.520%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	28972	25.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	46854	23.612	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	10679	33.493	ug/L	93
3) Chloromethane	2.215	50	19169	19.775	ug/L	99
5) Vinyl chloride	2.361	62	38294	22.840	ug/L	98
6) Bromomethane	2.782	94	22377	24.069	ug/L	94
8) Chloroethane	2.922	64	16652	23.624	ug/L	96
9) Trichlorofluoromethane	3.257	101	25676	26.290	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	35396	23.841	ug/L	92
12) 1,1-Dichloroethene	4.044	96	32120	23.269	ug/L	78
13) Acetone	4.123	43	11801	41.439	ug/L	92
14) Carbon disulfide	4.385	76	74401	19.929	ug/L	98
15) Methyl Acetate	4.672	43	12174	23.838	ug/L	92
16) Methylene chloride	4.922	84	35409	23.045	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	33668	22.631	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	51544	23.082	ug/L #	84
19) 1,1-Dichloroethane	6.214	63	56462	22.905	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	36732	22.909	ug/L	74
22) 2-Butanone	7.171	43	16559	42.797	ug/L	90
23) Bromochloromethane	7.513	128	17269	23.559	ug/L #	64
25) Chloroform	7.677	83	63656	23.626	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	38656	23.694	ug/L	97
29) Cyclohexane	7.958	56	47198	21.254	ug/L #	82
30) 1,1,1-Trichloroethane	7.872	97	55297	23.085	ug/L	94
31) Carbon tetrachloride	8.067	117	52575	23.190	ug/L	97
33) Benzene	8.323	78	131319	23.284	ug/L	100
34) Trichloroethene	9.091	95	36716	23.275	ug/L	90
35) Methylcyclohexane	9.335	83	59315	22.806	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	30654	23.354	ug/L #	96
38) Bromodichloromethane	9.646	83	44842	23.806	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	51926	23.960	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	36413	46.609	ug/L #	94
42) Toluene	10.390	91	152943	24.109	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	45630	23.957	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	25312	24.795	ug/L	92
46) Tetrachloroethene	10.859	164	33832	23.358	ug/L	93
48) 2-Hexanone	10.969	43	25843	47.755	ug/L #	95
49) Dibromochloromethane	11.128	129	32847	23.339	ug/L	95
50) 1,2-Dibromoethane	11.231	107	24752	24.184	ug/L #	97
51) Chlorobenzene	11.658	112	101730	24.111	ug/L	91
52) Ethylbenzene	11.731	91	167094	23.770	ug/L	96
53) m,p-Xylene	11.841	106	68917	24.013	ug/L	88
54) o-Xylene	12.164	106	63379	22.994	ug/L	96
55) Styrene	12.182	104	110647	24.176	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	28270	24.985	ug/L #	94
59) Bromoform	12.347	173	17395	20.954	ug/L	94
60) Isopropylbenzene	12.463	105	181371	23.918	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	20071	24.577	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.944	105	156636	24.486	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	153104	24.258	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	88106	24.782	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	86225	24.043	ug/L	90
67) 1,2-Dichlorobenzene	13.871	146	74407	23.751	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	4221	21.620	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	67084	23.823	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	50889	22.090	ug/L	99
71) Naphthalene	15.365	128	87635	23.346	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	44224	22.749	ug/L	97

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

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