

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010322\
 Data File : VW021716.D
 Acq On : 03 Jan 2022 13:04
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025540

Quant Time: Jan 04 00:23:58 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	100279	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	101969	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	63198	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42009	21.247	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.000%
7) Chloroethane-d5	2.885	69	29886	22.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.760%
11) 1,1-Dichloroethene-d2	4.019	63	65259	22.554	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.200%
21) 2-Butanone-d5	7.080	46	13119	45.353	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.700%
24) Chloroform-d	7.647	84	73742	23.541	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	8.305	65	37607	22.736	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.960%
32) Benzene-d6	8.275	84	134378	22.194	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.760%
36) 1,2-Dichloropropane-d6	9.274	67	37375	22.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.000%
41) Toluene-d8	10.323	98	133525	22.134	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.520%
43) trans-1,3-Dichloroprop...	10.579	79	17137	21.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.760%
47) 2-Hexanone-d5	10.921	63	10946	43.942	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.880%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31323	23.132	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	50846	21.039	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	12489	21.003	ug/L	97
3) Chloromethane	2.215	50	33022	21.501	ug/L	98
5) Vinyl chloride	2.361	62	52294	23.086	ug/L	99
6) Bromomethane	2.776	94	32798	22.253	ug/L	91
8) Chloroethane	2.916	64	25420	23.551	ug/L	97
9) Trichlorofluoromethane	3.257	101	31604	23.189	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	40628	24.477	ug/L	91
12) 1,1-Dichloroethene	4.044	96	36210	24.392	ug/L	# 66
13) Acetone	4.123	43	11732	47.768	ug/L	92
14) Carbon disulfide	4.379	76	102177	23.785	ug/L	100
15) Methyl Acetate	4.672	43	11119	23.727	ug/L	# 87
16) Methylene chloride	4.915	84	38226	21.354	ug/L	81
17) trans-1,2-Dichloroethene	5.421	96	38012	24.238	ug/L	80
18) Methyl tert-butyl Ether	5.421	73	51501	23.584	ug/L	93
19) 1,1-Dichloroethane	6.214	63	59344	24.255	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	39732	24.407	ug/L	74
22) 2-Butanone	7.171	43	15631	46.814	ug/L	85
23) Bromochloromethane	7.513	128	18677	23.735	ug/L	# 64
25) Chloroform	7.671	83	69314	24.559	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	43857	23.957	ug/L	96
29) Cyclohexane	7.958	56	54142	22.960	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	62344	23.173	ug/L	94
31) Carbon tetrachloride	8.067	117	60104	22.973	ug/L	100
33) Benzene	8.317	78	143968	23.140	ug/L	100
34) Trichloroethene	9.092	95	41004	23.216	ug/L	89
35) Methylcyclohexane	9.335	83	67798	23.266	ug/L #	85
37) 1,2-Dichloropropane	9.366	63	32260	23.396	ug/L #	95
38) Bromodichloromethane	9.640	83	49964	23.741	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	53982	23.962	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	33456	44.046	ug/L #	91
42) Toluene	10.384	91	168606	23.476	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	47310	23.373	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	26788	23.390	ug/L	92
46) Tetrachloroethene	10.860	164	39221	23.713	ug/L	96
48) 2-Hexanone	10.969	43	25053	48.568	ug/L #	96
49) Dibromochloromethane	11.128	129	36271	23.572	ug/L	97
50) 1,2-Dibromoethane	11.231	107	26933	23.415	ug/L	98
51) Chlorobenzene	11.658	112	110677	23.884	ug/L	92
52) Ethylbenzene	11.731	91	190301	23.605	ug/L	96
53) m,p-Xylene	11.835	106	77862	24.103	ug/L	88
54) o-Xylene	12.164	106	72677	23.738	ug/L	94
55) Styrene	12.176	104	124206	23.622	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	30581	24.139	ug/L #	96
59) Bromoform	12.347	173	21762	23.594	ug/L	95
60) Isopropylbenzene	12.463	105	205834	23.364	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	21724	22.464	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	172716	23.189	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	170218	23.008	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	97720	23.493	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	96248	23.206	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	82983	22.851	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	4268	20.043	ug/L #	57
69) 1,3,5-Trichlorobenzene	14.621	180	72325	23.670	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	56153	23.023	ug/L	91
71) Naphthalene	15.365	128	87163	21.965	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	47533	23.152	ug/L	91

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

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