

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023513.D
 Acq On : 16 Nov 2021 03:30
 Operator : SY/MD
 Sample : M4694-05MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4651MSD

Quant Time: Nov 16 05:18:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133670	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	131249	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71643	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41832	4.996	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.571	69	32332	4.737	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.111	63	74817	4.773	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	3.905	46	81332	56.376	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.760%
24) Chloroform-d	4.349	84	79541	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.037	65	37034	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.053	84	152425	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.072	67	42660	4.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.317	98	146487	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.625	79	16700	4.443	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.091	63	61795	44.681	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32153	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	53910	4.519	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	53883	4.134	ug/L	100
3) Chloromethane	1.243	50	50464	4.554	ug/L	97
5) Vinyl chloride	1.314	62	201774	18.231	ug/L	100
6) Bromomethane	1.526	94	25480	3.602	ug/L	99
8) Chloroethane	1.587	64	30431	4.765	ug/L	96
9) Trichlorofluoromethane	1.754	101	77616	4.667	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	39707	4.743	ug/L	98
12) 1,1-Dichloroethene	2.121	96	38231	4.796	ug/L	94
13) Acetone	2.195	43	57154	64.836	ug/L	67
14) Carbon disulfide	2.297	76	126279	4.198	ug/L	99
15) Methyl Acetate	2.445	43	12431	4.983	ug/L	90
16) Methylene chloride	2.510	84	42647	3.666	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	5303773	302.266	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	59344	6.056	ug/L	96
19) 1,1-Dichloroethane	3.191	63	100566	6.079	ug/L	99
21) 2-Butanone	3.985	43	84870	59.550	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	56817	6.025	ug/L	# 87
23) Bromochloromethane	4.252	128	19982	4.595	ug/L	# 80
25) Chloroform	4.378	83	79515	4.509	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	45392	4.839	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	72240	4.532	ug/L	99
30) Cyclohexane	4.680	56	62136	4.350	ug/L	98
31) Carbon tetrachloride	4.828	117	65639	4.585	ug/L	97
33) Benzene	5.101	78	184801	5.038	ug/L	100
34) Trichloroethene	5.915	95	43602	4.470	ug/L	97
35) Methylcyclohexane	6.130	83	64337	4.178	ug/L	95
37) 1,2-Dichloropropane	6.175	63	40834	4.768	ug/L	98
38) Bromodichloromethane	6.510	83	53195	4.635	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	53634	4.354	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	211137	53.157	ug/L	98
42) Toluene	7.387	91	187759	4.785	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	46397	4.540	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	28880	4.693	ug/L	99
47) Tetrachloroethene	7.976	164	37563	4.443	ug/L	98
48) 2-Hexanone	8.140	43	154751	55.602	ug/L	97
49) Dibromochloromethane	8.246	129	35635	4.570	ug/L	98
50) 1,2-Dibromoethane	8.355	107	26285	4.609	ug/L	99
51) Chlorobenzene	8.882	112	118100	4.528	ug/L	99
52) Ethylbenzene	9.014	91	189929	4.589	ug/L	97
53) m,p-xylene	9.140	106	75663	4.659	ug/L	99
54) o-xylene	9.545	106	72112	4.733	ug/L	96
55) Styrene	9.561	104	125559	4.810	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	32287	4.789	ug/L	98
59) Bromoform	9.731	173	19399	4.533	ug/L #	97
60) Isopropylbenzene	9.931	105	194864	4.740	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23233	4.882	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	159678	4.684	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	159534	4.702	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	97295	4.632	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	97417	4.541	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	88044	4.684	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4397	4.337	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	73405	4.463	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	56562	4.294	ug/L	99
71) Naphthalene	13.503	128	81946	4.219	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51663	4.483	ug/L	99

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

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