

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023395.D
 Acq On : 11 Nov 2021 18:11
 Operator : SY/MD
 Sample : M4580-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB8G2MSD

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 12 02:07:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131050	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30401	3.703	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.000%	
7) Chloroethane-d5	1.564	69	26162	3.910	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.200%	
11) 1,1-Dichloroethene-d2	2.108	63	62495	4.066	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.400%	
20) 2-Butanone-d5	3.905	46	48709	34.438	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	68.880%	
24) Chloroform-d	4.352	84	69356	3.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.200%	
26) 1,2-Dichloroethane-d4	5.034	65	32884	4.180	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
32) Benzene-d6	5.050	84	133195	4.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
36) 1,2-Dichloropropane-d6	6.069	67	38583	4.022	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.400%	
41) Toluene-d8	7.317	98	130052	4.259	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	7.625	79	14859	4.085	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.600%	
46) 2-Hexanone-d5	8.092	63	59749	44.645	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28486	4.129	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	46706	4.152	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	58184	4.553	ug/L	99
3) Chloromethane	1.240	50	50455	4.644	ug/L	98
5) Vinyl chloride	1.307	62	50627	4.666	ug/L	99
6) Bromomethane	1.519	94	30342	4.375	ug/L	100
8) Chloroethane	1.584	64	30163	4.817	ug/L	97
9) Trichlorofluoromethane	1.751	101	76872	4.715	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	38773	4.724	ug/L	97
12) 1,1-Dichloroethene	2.118	96	36724	4.699	ug/L	84
13) Acetone	2.191	43	46806m	54.159	ug/L	
14) Carbon disulfide	2.294	76	133641	4.532	ug/L	99
15) Methyl Acetate	2.442	43	9956	4.070	ug/L	98
16) Methylene chloride	2.507	84	43437	3.809	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	87058	5.061	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	46240	4.813	ug/L	98
19) 1,1-Dichloroethane	3.188	63	79504	4.902	ug/L	97
21) 2-Butanone	3.986	43	57595	41.220	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	45662	4.939	ug/L	# 88
23) Bromochloromethane	4.249	128	20409	4.787	ug/L	82
25) Chloroform	4.378	83	85240	4.930	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	45772	4.977	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	76509	4.960	ug/L	100
30) Cyclohexane	4.677	56	66169	4.787	ug/L	96
31) Carbon tetrachloride	4.828	117	68390	4.937	ug/L	98
33) Benzene	5.101	78	176297	4.966	ug/L	100
34) Trichloroethene	5.915	95	46179	4.892	ug/L	95
35) Methylcyclohexane	6.130	83	69874	4.689	ug/L	96
37) 1,2-Dichloropropane	6.175	63	40180	4.848	ug/L	98
38) Bromodichloromethane	6.513	83	55587	5.005	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	58630	4.919	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	217475	56.581	ug/L	99
42) Toluene	7.387	91	197471	5.201	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	50442	5.100	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	29524	4.958	ug/L	98
47) Tetrachloroethene	7.976	164	116017	14.181	ug/L	98
48) 2-Hexanone	8.143	43	156555	58.128	ug/L	99
49) Dibromochloromethane	8.246	129	38395	5.089	ug/L	100
50) 1,2-Dibromoethane	8.355	107	27875	5.051	ug/L	100
51) Chlorobenzene	8.883	112	122554	4.856	ug/L	99
52) Ethylbenzene	9.014	91	200083	4.996	ug/L	99
53) m,p-xylene	9.140	106	79562	5.062	ug/L	96
54) o-xylene	9.545	106	75853	5.145	ug/L	100
55) Styrene	9.561	104	129428	5.124	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	32014	4.907	ug/L	98
59) Bromoform	9.735	173	21143	5.240	ug/L #	97
60) Isopropylbenzene	9.931	105	202099	5.213	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23564	5.251	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	167725	5.218	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	168345	5.262	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	99479	5.022	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	100026	4.944	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	89815	5.067	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4872	5.096	ug/L	85
69) 1,3,5-Trichlorobenzene	12.644	180	74811	4.824	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	57936	4.665	ug/L	100
71) Naphthalene	13.503	128	86804	4.740	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	53577	4.930	ug/L	99

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

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