

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102721\
 Data File : VW023074.D
 Acq On : 27 Oct 2021 21:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005327

Quant Time: Oct 28 01:50:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 28 01:43:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	138562	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136134	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44514	3.676	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.568	69	28519	3.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.108	63	67521	3.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	3.902	46	93948	48.370	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.740%
24) Chloroform-d	4.352	84	97843	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.037	65	45376	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.053	84	197621	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.072	67	61070	4.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.317	98	188911	5.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	7.625	79	21128	4.929	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.092	63	83904	52.866	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43200	5.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	65638	5.125	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	41857	4.762	ug/L	98
3) Chloromethane	1.240	50	47415	4.991	ug/L	96
5) Vinyl chloride	1.311	62	49722	5.067	ug/L	97
6) Bromomethane	1.523	94	22002	4.438	ug/L	95
8) Chloroethane	1.584	64	23385	4.557	ug/L	98
9) Trichlorofluoromethane	1.751	101	68008	5.135	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	34588	4.580	ug/L	97
12) 1,1-Dichloroethene	2.118	96	32700	4.610	ug/L	91
13) Acetone	2.188	43	49289	51.724	ug/L	97
14) Carbon disulfide	2.291	76	117581	6.086	ug/L	100
15) Methyl Acetate	2.442	43	14445	3.985	ug/L	91
16) Methylene chloride	2.507	84	53651	6.886	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	88712	5.238	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	46207	6.101	ug/L	95
19) 1,1-Dichloroethane	3.192	63	87430	6.283	ug/L	98
21) 2-Butanone	3.989	43	85148	45.643	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	48505	5.649	ug/L	# 89
23) Bromochloromethane	4.253	128	21969	5.636	ug/L	# 82
25) Chloroform	4.378	83	93009	5.058	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	46563	4.802	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	78698	5.116	ug/L	100
30) Cyclohexane	4.677	56	61725	4.596	ug/L	97
31) Carbon tetrachloride	4.828	117	68365	5.165	ug/L	97
33) Benzene	5.101	78	189776	5.180	ug/L	100
34) Trichloroethene	5.918	95	48693	5.291	ug/L	95
35) Methylcyclohexane	6.134	83	67977	5.158	ug/L	98
37) 1,2-Dichloropropane	6.175	63	47621	5.157	ug/L	99
38) Bromodichloromethane	6.513	83	59195	5.197	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	59858	5.206	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	242258	55.730	ug/L	100
42) Toluene	7.391	91	207530	5.590	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	50441	5.303	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	33630	5.206	ug/L	98
47) Tetrachloroethene	7.976	164	40409	5.197	ug/L	99
48) 2-Hexanone	8.143	43	177110	54.886	ug/L	98
49) Dibromochloromethane	8.249	129	40234	5.235	ug/L	98
50) 1,2-Dibromoethane	8.355	107	30333	5.216	ug/L	95
51) Chlorobenzene	8.883	112	127592	5.232	ug/L	98
52) Ethylbenzene	9.014	91	198497	5.387	ug/L	98
53) m,p-xylene	9.140	106	79465	5.378	ug/L	100
54) o-xylene	9.545	106	76325	5.486	ug/L	100
55) Styrene	9.561	104	134952	5.618	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	35713	4.946	ug/L	99
59) Bromoform	9.735	173	20782	4.969	ug/L	99
60) Isopropylbenzene	9.934	105	203540	5.607	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26709	5.287	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	154267	5.291	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	161646	5.555	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	103805	5.434	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	102241	5.269	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	95783	5.387	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5025	5.041	ug/L	91
69) 1,3,5-Trichlorobenzene	12.648	180	72754	5.001	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	56587	5.198	ug/L	98
71) Naphthalene	13.503	128	80334	4.854	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	52062	5.152	ug/L	99

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

