

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012622\
 Data File : VW024450.D
 Acq On : 26 Jan 2022 19:29
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005297

Quant Time: Jan 27 03:52:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 27 01:56:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	165985	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	180674	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	106469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72038	4.954	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.568	69	65774	5.185	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.111	63	144105	5.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	3.908	46	113805	49.104	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.200%
24) Chloroform-d	4.349	84	146417	5.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.034	65	67129	5.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.050	84	278138	5.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.069	67	82779	4.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.317	98	266537	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	7.625	79	28722	4.922	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.091	63	100340	50.294	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51107	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	93286	5.110	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	99463	5.314	ug/L	99
3) Chloromethane	1.243	50	87172	5.125	ug/L	96
5) Vinyl chloride	1.310	62	89809	5.263	ug/L	99
6) Bromomethane	1.523	94	56649	5.302	ug/L	99
8) Chloroethane	1.587	64	53629	5.345	ug/L	98
9) Trichlorofluoromethane	1.754	101	130798	5.414	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	69964	5.318	ug/L	96
12) 1,1-Dichloroethene	2.121	96	67267	5.393	ug/L	89
13) Acetone	2.204	43	58783	48.652	ug/L	78
14) Carbon disulfide	2.297	76	199570	5.205	ug/L	99
15) Methyl Acetate	2.449	43	20213	6.194	ug/L	91
16) Methylene chloride	2.510	84	65719	5.147	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	117665	5.242	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	66332	5.542	ug/L	95
19) 1,1-Dichloroethane	3.191	63	120685	5.408	ug/L	97
21) 2-Butanone	3.995	43	96961	44.411	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	63967	5.321	ug/L	92
23) Bromochloromethane	4.252	128	30168	5.593	ug/L	96
25) Chloroform	4.378	83	126938	5.009	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	65770	5.445	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	111573	5.324	ug/L	98
30) Cyclohexane	4.680	56	97898	4.949	ug/L	94
31) Carbon tetrachloride	4.828	117	100099	5.308	ug/L	99
33) Benzene	5.101	78	260325	5.384	ug/L	100
34) Trichloroethene	5.915	95	69010	5.049	ug/L	95
35) Methylcyclohexane	6.130	83	98969	4.909	ug/L	93
37) 1,2-Dichloropropane	6.175	63	64483	5.428	ug/L	98
38) Bromodichloromethane	6.510	83	81653	5.076	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	82950	5.182	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	289906	52.350	ug/L	99
42) Toluene	7.387	91	282722	5.520	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	69530	5.214	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	42494	5.290	ug/L	97
47) Tetrachloroethene	7.976	164	58182	5.403	ug/L	97
48) 2-Hexanone	8.140	43	216722	53.227	ug/L	99
49) Dibromochloromethane	8.246	129	52190	5.220	ug/L	97
50) 1,2-Dibromoethane	8.352	107	39467	5.241	ug/L	91
51) Chlorobenzene	8.882	112	172582	5.218	ug/L	97
52) Ethylbenzene	9.011	91	277884	5.160	ug/L	99
53) m,p-xylene	9.136	106	107047	5.297	ug/L	95
54) o-xylene	9.542	106	101273	5.317	ug/L	94
55) Styrene	9.561	104	174577	5.482	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	41193	5.237	ug/L	98
59) Bromoform	9.731	173	27630	5.161	ug/L #	98
60) Isopropylbenzene	9.931	105	274399	5.292	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	35454	5.373	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	216230	5.179	ug/L	96
63) 1,2,4-Trimethylbenzene	10.914	105	225301	5.259	ug/L	97
64) 1,3-Dichlorobenzene	11.181	146	141951	5.415	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	141089	5.287	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	127512	5.299	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5764	4.492	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	109252	5.114	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	80614	4.954	ug/L	97
71) Naphthalene	13.503	128	98875	4.818	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	72329	5.211	ug/L	99

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

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