

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031822\
 Data File : VW025104.D
 Acq On : 18 Mar 2022 17:42
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

Quant Time: Mar 19 00:57:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	190784	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	175067	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85324	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64873	4.307	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.568	69	48895	4.433	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.111	63	112127	4.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.892	46	98228	53.962	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.920%
24) Chloroform-d	4.352	84	114752	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.034	65	45976	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.053	84	234756	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.069	67	67212	4.602	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.317	98	214986	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.625	79	21890	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	90494	52.113	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42489	4.946	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	68880	4.769	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	81452	4.832	ug/L	97
3) Chloromethane	1.243	50	74697	4.698	ug/L	99
5) Vinyl chloride	1.314	62	84495	5.037	ug/L	99
6) Bromomethane	1.523	94	45187	4.169	ug/L	99
8) Chloroethane	1.587	64	50986	5.013	ug/L	99
9) Trichlorofluoromethane	1.754	101	115239	5.051	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	63634	5.144	ug/L	99
12) 1,1-Dichloroethene	2.121	96	63219	5.202	ug/L	97
13) Acetone	2.179	43	70026	57.520	ug/L	81
14) Carbon disulfide	2.298	76	204973	4.713	ug/L	100
15) Methyl Acetate	2.439	43	20731	6.215	ug/L	92
16) Methylene chloride	2.510	84	75839	5.150	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	150915	5.701	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	76965	5.262	ug/L	99
19) 1,1-Dichloroethane	3.191	63	132126	5.308	ug/L	98
21) 2-Butanone	3.973	43	115889	60.313	ug/L #	77
22) cis-1,2-Dichloroethene	3.915	96	83648	5.665	ug/L	99
23) Bromochloromethane	4.252	128	32679	5.613	ug/L	93
25) Chloroform	4.378	83	138908	5.359	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	70690	5.485	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	122450	5.485	ug/L	99
30) Cyclohexane	4.677	56	113024	5.203	ug/L	99
31) Carbon tetrachloride	4.831	117	102725	5.363	ug/L	99
33) Benzene	5.101	78	308791	5.423	ug/L	100
34) Trichloroethene	5.915	95	82164	5.419	ug/L	98
35) Methylcyclohexane	6.130	83	124886	5.203	ug/L	98
37) 1,2-Dichloropropane	6.175	63	72863	5.568	ug/L	100
38) Bromodichloromethane	6.510	83	89323	5.398	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	97401	5.361	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	301574	56.008	ug/L	98
42) Toluene	7.387	91	329571	5.530	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	74378	5.203	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	48893	5.594	ug/L	99
47) Tetrachloroethene	7.976	164	57723	5.412	ug/L	98
48) 2-Hexanone	8.137	43	208632	54.654	ug/L	95
49) Dibromochloromethane	8.246	129	52970	5.414	ug/L	99
50) 1,2-Dibromoethane	8.352	107	45012	5.628	ug/L	97
51) Chlorobenzene	8.879	112	210023	5.628	ug/L	100
52) Ethylbenzene	9.011	91	358287	5.683	ug/L	99
53) m,p-xylene	9.137	106	139948	5.765	ug/L	98
54) o-xylene	9.542	106	133041	5.731	ug/L	94
55) Styrene	9.558	104	224534	5.939	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	51936	6.061	ug/L	97
59) Bromoform	9.731	173	22332	4.860	ug/L	99
60) Isopropylbenzene	9.931	105	358383	5.570	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	38292	5.336	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	168215	5.761	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	304098	5.881	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	156403	5.603	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	154365	5.486	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	136954	5.537	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6963	5.661	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	109839	5.571	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	89944	5.855	ug/L	99
71) Naphthalene	13.500	128	193652	7.592	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	75131	5.772	ug/L	99

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

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