

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028709.D
 Acq On : 27 Oct 2022 10:10
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005336

Quant Time: Oct 27 10:48:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	198785	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	189580	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	92455	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	55440	4.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.561	69	57714	4.937	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.101	63	118530	4.432	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.889	46	182892	58.016	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.040%
24) Chloroform-d	4.339	84	107567	4.481	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.024	65	55893	4.589	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.043	84	205113	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.066	67	70527	4.395	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.310	98	176258	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.619	79	21499	4.312	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.085	63	129033	55.594	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.180%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	51784	4.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	57341	4.496	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	41241	4.920	ug/L	97
3) Chloromethane	1.237	50	72643	4.642	ug/L	98
5) Vinyl chloride	1.307	62	71405	4.592	ug/L	96
6) Bromomethane	1.520	94	35772	4.815	ug/L	93
8) Chloroethane	1.581	64	54850	5.188	ug/L	96
9) Trichlorofluoromethane	1.745	101	109093	5.264	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	58988	4.790	ug/L	98
12) 1,1-Dichloroethene	2.111	96	53154	4.865	ug/L	80
13) Acetone	2.175	43	125298	66.964	ug/L	91
14) Carbon disulfide	2.285	76	95044	3.768	ug/L	97
15) Methyl Acetate	2.433	43	28460	5.013	ug/L	93
16) Methylene chloride	2.497	84	62137	4.124	ug/L	92
17) Methyl tert-butyl Ether	2.761	73	143552	5.009	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	50080	4.555	ug/L	96
19) 1,1-Dichloroethane	3.182	63	127132	4.790	ug/L	99
21) 2-Butanone	3.973	43	185730	57.754	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	63464	4.815	ug/L #	94
23) Bromochloromethane	4.240	128	24042	4.879	ug/L	95
25) Chloroform	4.365	83	120969	4.686	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	71666	4.698	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	93061	4.081	ug/L	98
30) Cyclohexane	4.667	56	93621	3.962	ug/L	99
31) Carbon tetrachloride	4.818	117	69570	3.799	ug/L	98
33) Benzene	5.092	78	253813	4.480	ug/L	100
34) Trichloroethene	5.908	95	58977	4.201	ug/L	94
35) Methylcyclohexane	6.124	83	91340	4.711	ug/L	97
37) 1,2-Dichloropropane	6.169	63	72315	4.995	ug/L	100
38) Bromodichloromethane	6.503	83	79423	4.588	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	85777	4.888	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	477827	55.747	ug/L	98
42) Toluene	7.381	91	259805	4.836	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	66557	4.706	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	43963	4.941	ug/L	97
47) Tetrachloroethene	7.969	164	39659	4.603	ug/L	97
48) 2-Hexanone	8.137	43	329602	54.347	ug/L	99
49) Dibromochloromethane	8.239	129	44104	4.732	ug/L	97
50) 1,2-Dibromoethane	8.346	107	36961	4.772	ug/L	99
51) Chlorobenzene	8.876	112	163876	4.844	ug/L	99
52) Ethylbenzene	9.005	91	284342	4.762	ug/L	98
53) m,p-Xylene	9.130	106	102480	4.754	ug/L	97
54) o-Xylene	9.535	106	104757	4.830	ug/L	98
55) Styrene	9.555	104	181202	4.955	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	56253	5.041	ug/L	97
59) Bromoform	9.725	173	20451	4.505	ug/L	96
60) Isopropylbenzene	9.924	105	286589	4.926	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	39164	4.934	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	79838	4.704	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	225888	4.806	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	120861	4.823	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	119431	4.777	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	114102	4.980	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	6731	4.118	ug/L	94
69) 1,3,5-Trichlorobenzene	12.635	180	90590	4.760	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	68235	4.710	ug/L	98
71) Naphthalene	13.493	128	107907	4.346	ug/L	98
72) 1,2,3-Trichlorobenzene	13.734	180	60592	4.719	ug/L	97

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

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