

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021424\
 Data File : VW034182.D
 Acq On : 14 Feb 2024 15:45
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005353

Quant Time: Feb 15 01:30:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 15 01:26:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	79486	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71319	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	38500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21438	3.482	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.535	69	20205	3.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.059	65	10815	3.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	3.818	46	44184	42.736	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.480%
24) Chloroform-d	4.252	84	49589	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	4.944	65	24279	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	4.960	84	87726	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	5.992	67	23603	3.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.243	98	80993	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.558	79	9934	4.398	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.027	63	32476	40.281	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.560%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	14885	4.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	30221	4.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	36580	5.022	ug/L	98
3) Chloromethane	1.217	50	36370	4.577	ug/L	97
5) Vinyl chloride	1.285	62	37716	4.968	ug/L	91
6) Bromomethane	1.490	94	21660	5.417	ug/L	96
8) Chloroethane	1.551	64	23930	4.620	ug/L	99
9) Trichlorofluoromethane	1.715	101	64977	5.939	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	32660	5.710	ug/L	99
12) 1,1-Dichloroethene	2.069	96	30464	5.486	ug/L	94
13) Acetone	2.143	43	38202	48.705	ug/L #	42
14) Carbon disulfide	2.243	76	81013	4.509	ug/L	100
15) Methyl Acetate	2.391	43	9232	4.973	ug/L	94
16) Methylene chloride	2.449	84	28322	5.316	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	61702	5.408	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	28094	4.967	ug/L	98
19) 1,1-Dichloroethane	3.114	63	53672	5.165	ug/L	98
21) 2-Butanone	3.899	43	50557	48.776	ug/L #	63
22) cis-1,2-Dichloroethene	3.815	96	31019	4.834	ug/L	95
23) Bromochloromethane	4.153	128	12244	5.489	ug/L	89
25) Chloroform	4.278	83	56474	5.376	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	33921	5.639	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	55509	5.797	ug/L	98
30) Cyclohexane	4.584	56	45368	4.872	ug/L	96
31) Carbon tetrachloride	4.738	117	49251	5.878	ug/L	97
33) Benzene	5.011	78	112595	5.264	ug/L	100
34) Trichloroethene	5.834	95	31911	5.155	ug/L	96
35) Methylcyclohexane	6.050	83	49936	5.139	ug/L	98
37) 1,2-Dichloropropane	6.095	63	27733	5.352	ug/L	100
38) Bromodichloromethane	6.432	83	36595	5.380	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	41681	5.287	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	125877	50.731	ug/L	98
42) Toluene	7.317	91	124625	5.451	ug/L	96
44) trans-1,3-Dichloropropene	7.583	75	33647	5.558	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	16608	5.191	ug/L	95
47) Tetrachloroethene	7.905	164	26020	5.173	ug/L	94
48) 2-Hexanone	8.075	43	87615	50.094	ug/L	98
49) Dibromochloromethane	8.178	129	21191	5.573	ug/L	96
50) 1,2-Dibromoethane	8.284	107	15200	5.293	ug/L #	98
51) Chlorobenzene	8.815	112	77464	5.359	ug/L	99
52) Ethylbenzene	8.947	91	141979	5.395	ug/L	99
53) m,p-Xylene	9.072	106	53464	5.376	ug/L	99
54) o-Xylene	9.477	106	51877	5.410	ug/L	100
55) Styrene	9.496	104	83835	5.460	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	16435	4.867	ug/L	97
59) Bromoform	9.667	173	10726	5.057	ug/L	100
60) Isopropylbenzene	9.866	105	148402	5.209	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	13091	4.946	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	123169	5.114	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	121376	5.187	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	66264	5.335	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	64616	5.254	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	56063	5.255	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	2817	5.078	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	51672	5.375	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	40347	5.377	ug/L	100
71) Naphthalene	13.438	128	50930	5.180	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	32896	5.471	ug/L	100

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

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