

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033583.D
 Acq On : 12 Jan 2024 09:15
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005320

Quant Time: Jan 12 23:37:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:30:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	154288	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	140720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	69947	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40385	4.787	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.535	69	36115	4.827	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.059	65	18014	4.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	3.834	46	89817	43.541	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.080%
24) Chloroform-d	4.249	84	86836	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.944	65	38497	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	4.960	84	166194	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	5.989	67	51559	4.555	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.243	98	144953	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.558	79	18349	4.688	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.030	63	72101	46.925	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	30234	4.571	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	51036	4.752	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	48741	3.467	ug/L	97
3) Chloromethane	1.214	50	44012	2.612	ug/L	96
5) Vinyl chloride	1.285	62	46535	2.899	ug/L	100
6) Bromomethane	1.490	94	25436	3.169	ug/L	99
8) Chloroethane	1.551	64	31394	3.221	ug/L	100
9) Trichlorofluoromethane	1.715	101	70503	3.615	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	44332	4.045	ug/L	98
12) 1,1-Dichloroethene	2.069	96	35907	3.302	ug/L #	85
13) Acetone	2.153	43	64682	38.625	ug/L	90
14) Carbon disulfide	2.243	76	65878	1.637	ug/L	99
15) Methyl Acetate	2.387	43	16333	4.081	ug/L	97
16) Methylene chloride	2.449	84	44623	3.477	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	109002	4.426	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	39713	3.232	ug/L	97
19) 1,1-Dichloroethane	3.111	63	101978	4.178	ug/L	99
21) 2-Butanone	3.908	43	101515	43.672	ug/L	78
22) cis-1,2-Dichloroethene	3.815	96	51230	3.982	ug/L	94
23) Bromochloromethane	4.149	128	18795	4.006	ug/L	97
25) Chloroform	4.275	83	99391	4.434	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	51527	4.035	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	85429	4.282	ug/L	100
30) Cyclohexane	4.580	56	69766	2.917	ug/L	96
31) Carbon tetrachloride	4.735	117	69970	4.113	ug/L	97
33) Benzene	5.011	78	191983	3.843	ug/L	100
34) Trichloroethene	5.834	95	51866	3.900	ug/L	98
35) Methylcyclohexane	6.050	83	71994	3.198	ug/L	98
37) 1,2-Dichloropropane	6.091	63	53131	4.282	ug/L	100
38) Bromodichloromethane	6.432	83	68527	4.531	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	77331	4.365	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	281531	49.361	ug/L	99
42) Toluene	7.313	91	209866	3.972	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	61928	4.337	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	32424	4.704	ug/L	98
47) Tetrachloroethene	7.905	164	37915	3.968	ug/L	95
48) 2-Hexanone	8.079	43	189550	45.365	ug/L	97
49) Dibromochloromethane	8.175	129	38008	4.428	ug/L	96
50) 1,2-Dibromoethane	8.284	107	27796	4.369	ug/L	97
51) Chlorobenzene	8.815	112	138054	4.265	ug/L	99
52) Ethylbenzene	8.947	91	257599	4.206	ug/L	100
53) m,p-Xylene	9.072	106	95021	4.211	ug/L	99
54) o-Xylene	9.477	106	94432	4.300	ug/L	99
55) Styrene	9.496	104	157604	4.503	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	35303	4.667	ug/L	97
59) Bromoform	9.667	173	20328	4.815	ug/L	98
60) Isopropylbenzene	9.866	105	268826	4.858	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	26367	4.702	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	223832	4.681	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	225772	4.677	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	115082	4.702	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	111225	4.641	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	100220	4.712	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	5469	4.438	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	89880	4.730	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	68618	4.334	ug/L	98
71) Naphthalene	13.442	128	90918	3.441	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	53610	4.223	ug/L	100

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

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