

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011724\
 Data File : VW033706.D
 Acq On : 17 Jan 2024 09:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005328

Quant Time: Jan 17 23:58:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 01:35:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	111928	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	101483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	51127	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	23800	3.888	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.536	69	22704	4.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.060	65	10940	3.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	3.822	46	64020	42.781	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.560%
24) Chloroform-d	4.249	84	61634	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.944	65	26823	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	4.960	84	109487	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	5.989	67	33432	4.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.243	98	95720	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.555	79	11830	4.191	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.027	63	47333	42.716	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.440%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	20548	4.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	34326	4.373	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	51217	5.022	ug/L	100
3) Chloromethane	1.217	50	55190	4.514	ug/L	97
5) Vinyl chloride	1.285	62	54525	4.683	ug/L	97
6) Bromomethane	1.491	94	21676	3.722	ug/L	99
8) Chloroethane	1.552	64	34187	4.835	ug/L	97
9) Trichlorofluoromethane	1.716	101	75734	5.353	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	41193	5.181	ug/L	99
12) 1,1-Dichloroethene	2.069	96	38107	4.830	ug/L	92
13) Acetone	2.147	43	44011	36.228	ug/L	71
14) Carbon disulfide	2.243	76	136973	4.692	ug/L	100
15) Methyl Acetate	2.391	43	11509	3.964	ug/L	93
16) Methylene chloride	2.449	84	39359	4.227	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	78680	4.404	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	42475	4.766	ug/L	98
19) 1,1-Dichloroethane	3.111	63	84918	4.795	ug/L	100
21) 2-Butanone	3.902	43	67329	39.927	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	44049	4.720	ug/L	99
23) Bromochloromethane	4.146	128	16515	4.852	ug/L	95
25) Chloroform	4.275	83	78534	4.830	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.044	62	42118	4.546	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	73769	5.127	ug/L	100
30) Cyclohexane	4.584	56	79346	4.601	ug/L	95
31) Carbon tetrachloride	4.735	117	63795	5.200	ug/L	98
33) Benzene	5.008	78	174845	4.853	ug/L	100
34) Trichloroethene	5.831	95	46449	4.843	ug/L	96
35) Methylcyclohexane	6.047	83	77412	4.768	ug/L	97
37) 1,2-Dichloropropane	6.092	63	41109	4.594	ug/L	99
38) Bromodichloromethane	6.433	83	52545	4.818	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	59918	4.690	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	170384	41.424	ug/L	98
42) Toluene	7.314	91	188517	4.947	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	45154	4.385	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	22090	4.444	ug/L	99
47) Tetrachloroethene	7.905	164	35774	5.191	ug/L	98
48) 2-Hexanone	8.079	43	116875	38.787	ug/L	98
49) Dibromochloromethane	8.175	129	29014	4.688	ug/L	98
50) 1,2-Dibromoethane	8.285	107	20208	4.404	ug/L	95
51) Chlorobenzene	8.812	112	111921	4.795	ug/L	99
52) Ethylbenzene	8.944	91	211971	4.799	ug/L	99
53) m,p-Xylene	9.072	106	77216	4.745	ug/L	100
54) o-Xylene	9.477	106	76368	4.822	ug/L	99
55) Styrene	9.494	104	121006	4.794	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	23803	4.363	ug/L	96
59) Bromoform	9.667	173	14112	4.573	ug/L	99
60) Isopropylbenzene	9.867	105	201921	4.992	ug/L	100
61) 1,2,3-Trichloropropane	10.211	75	18235	4.449	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	174795	5.001	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	175336	4.969	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	88891	4.969	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	83169	4.748	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	73994	4.759	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	3552	3.943	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	68756	4.950	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	51123	4.418	ug/L	99
71) Naphthalene	13.442	128	54681	2.831	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	38277	4.125	ug/L	99

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

