

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033682.D
 Acq On : 16 Jan 2024 19:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

Quant Time: Jan 17 00:15:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 00:08:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109874	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	101205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	53212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24160	4.021	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.536	69	23607	4.430	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.063	65	11876	4.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	3.806	46	76662	52.186	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.380%
24) Chloroform-d	4.253	84	63939	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	4.947	65	29275	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.963	84	114372	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	5.992	67	36830	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.243	98	100834	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.558	79	13464	4.784	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.027	63	59671	53.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.000%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	25411	5.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	39453	4.829	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	49139	4.909	ug/L	98
3) Chloromethane	1.217	50	55742	4.645	ug/L	99
5) Vinyl chloride	1.285	62	56104	4.909	ug/L	99
6) Bromomethane	1.491	94	19598	3.428	ug/L	99
8) Chloroethane	1.552	64	34763	5.008	ug/L	97
9) Trichlorofluoromethane	1.716	101	75695	5.451	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	41882	5.366	ug/L	100
12) 1,1-Dichloroethene	2.073	96	40823	5.271	ug/L	95
13) Acetone	2.134	43	50488	42.336	ug/L	91
14) Carbon disulfide	2.243	76	140808	4.914	ug/L	99
15) Methyl Acetate	2.388	43	13542	4.751	ug/L	98
16) Methylene chloride	2.449	84	47526	5.200	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	92840	5.294	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	44956	5.138	ug/L	96
19) 1,1-Dichloroethane	3.114	63	87258	5.020	ug/L	99
21) 2-Butanone	3.889	43	74719	45.138	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	47189	5.151	ug/L	99
23) Bromochloromethane	4.153	128	17963	5.376	ug/L	98
25) Chloroform	4.278	83	83410	5.226	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033682.D
 Acq On : 16 Jan 2024 19:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

Quant Time: Jan 17 00:15:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 00:08:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	48469	5.329	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	75777	5.281	ug/L	99
30) Cyclohexane	4.584	56	81958	4.765	ug/L	98
31) Carbon tetrachloride	4.735	117	66142	5.407	ug/L	98
33) Benzene	5.011	78	184185	5.126	ug/L	100
34) Trichloroethene	5.834	95	47589	4.975	ug/L	98
35) Methylcyclohexane	6.050	83	78814	4.868	ug/L	98
37) 1,2-Dichloropropane	6.095	63	45033	5.047	ug/L	100
38) Bromodichloromethane	6.433	83	57135	5.253	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	64816	5.087	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	210891	51.412	ug/L	98
42) Toluene	7.317	91	195843	5.154	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	50116	4.880	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	25546	5.153	ug/L	97
47) Tetrachloroethene	7.905	164	36754	5.348	ug/L	96
48) 2-Hexanone	8.079	43	146797	48.851	ug/L	99
49) Dibromochloromethane	8.178	129	33533	5.432	ug/L	98
50) 1,2-Dibromoethane	8.285	107	24262	5.302	ug/L	100
51) Chlorobenzene	8.815	112	120818	5.190	ug/L	97
52) Ethylbenzene	8.947	91	223704	5.078	ug/L	100
53) m,p-Xylene	9.072	106	81150	5.000	ug/L	97
54) o-Xylene	9.477	106	81363	5.152	ug/L	99
55) Styrene	9.497	104	130721	5.194	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	29772	5.472	ug/L	100
59) Bromoform	9.667	173	16650	5.184	ug/L	99
60) Isopropylbenzene	9.866	105	209072	4.966	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	22086	5.178	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	182168	5.008	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	186290	5.073	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	95096	5.107	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	91360	5.011	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	81891	5.061	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	4746	5.063	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	72500	5.016	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	57741	4.794	ug/L	99
71) Naphthalene	13.442	128	67451	3.356	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	44900	4.649	ug/L	99

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

