

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021324\
 Data File : VW034144.D
 Acq On : 13 Feb 2024 09:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005350

Quant Time: Feb 14 01:36:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 13 00:43:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	79142	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	71529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37028	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26193	4.273	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.532	69	22488	4.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.060	65	12794	4.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.812	46	43234	41.999	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.000%
24) Chloroform-d	4.249	84	50984	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.944	65	23866	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.960	84	93047	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.989	67	24932	4.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.243	98	86494	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.555	79	9919	4.379	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.027	63	33021	40.836	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.680%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15168	4.171	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	28618	4.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	37637	5.189	ug/L	99
3) Chloromethane	1.217	50	37268	4.711	ug/L	99
5) Vinyl chloride	1.285	62	37732	4.991	ug/L	88
6) Bromomethane	1.491	94	20419	5.129	ug/L	100
8) Chloroethane	1.552	64	22950	4.450	ug/L	98
9) Trichlorofluoromethane	1.716	101	61220	5.620	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	31284	5.494	ug/L	98
12) 1,1-Dichloroethene	2.069	96	28852	5.218	ug/L	99
13) Acetone	2.140	43	37849	48.465	ug/L #	41
14) Carbon disulfide	2.240	76	81207	4.540	ug/L	99
15) Methyl Acetate	2.384	43	7455	4.034	ug/L	93
16) Methylene chloride	2.449	84	27001	5.090	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	57520	5.064	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	28322	5.029	ug/L	97
19) 1,1-Dichloroethane	3.111	63	52377	5.062	ug/L	95
21) 2-Butanone	3.889	43	46337	44.899	ug/L #	56
22) cis-1,2-Dichloroethene	3.815	96	29842	4.671	ug/L	96
23) Bromochloromethane	4.153	128	11552	5.201	ug/L	93
25) Chloroform	4.275	83	54661	5.226	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	31614	5.278	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	51867	5.401	ug/L	98
30) Cyclohexane	4.580	56	45460	4.867	ug/L	98
31) Carbon tetrachloride	4.735	117	46800	5.570	ug/L	100
33) Benzene	5.011	78	109735	5.115	ug/L	100
34) Trichloroethene	5.831	95	31041	4.999	ug/L	97
35) Methylcyclohexane	6.050	83	48010	4.926	ug/L	98
37) 1,2-Dichloropropane	6.095	63	26317	5.064	ug/L	98
38) Bromodichloromethane	6.433	83	35952	5.270	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	40037	5.063	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	119670	48.088	ug/L	98
42) Toluene	7.313	91	120516	5.256	ug/L	96
44) trans-1,3-Dichloropropene	7.580	75	31887	5.252	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	16322	5.086	ug/L	94
47) Tetrachloroethene	7.905	164	25464	5.047	ug/L	91
48) 2-Hexanone	8.076	43	82429	46.991	ug/L	99
49) Dibromochloromethane	8.175	129	20239	5.307	ug/L	96
50) 1,2-Dibromoethane	8.285	107	14908	5.176	ug/L #	97
51) Chlorobenzene	8.812	112	76087	5.248	ug/L	97
52) Ethylbenzene	8.944	91	136409	5.168	ug/L	99
53) m,p-Xylene	9.072	106	52252	5.239	ug/L	98
54) o-Xylene	9.477	106	50205	5.220	ug/L	98
55) Styrene	9.493	104	82379	5.350	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	16771	4.952	ug/L	97
59) Bromoform	9.667	173	10228	5.014	ug/L	98
60) Isopropylbenzene	9.866	105	142340	5.195	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12460	4.895	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	118345	5.109	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	116185	5.162	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	63621	5.326	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	61842	5.228	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	53505	5.215	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	2657	4.980	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	48396	5.235	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	36771	5.095	ug/L	99
71) Naphthalene	13.439	128	45757	4.839	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	30254	5.232	ug/L	99

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

