

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041624\
 Data File : VW035252.D
 Acq On : 16 Apr 2024 19:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005390

Quant Time: Apr 17 02:53:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	189565	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	200725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	101958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80968	4.562	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.532	69	67365	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.060	65	34290	4.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.818	46	185842	61.900	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.800%
24) Chloroform-d	4.249	84	146237	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	4.944	65	72541	5.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.960	84	278557	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	5.989	67	88736	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.243	98	255730	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	7.555	79	31098	4.913	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.027	63	137436	52.137	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.280%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	68623	5.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	88523	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	96151	5.358	ug/L	100
3) Chloromethane	1.214	50	109741	5.243	ug/L	97
5) Vinyl chloride	1.282	62	112268	5.468	ug/L	100
6) Bromomethane	1.487	94	52973	4.502	ug/L	100
8) Chloroethane	1.548	64	77512	6.132	ug/L	96
9) Trichlorofluoromethane	1.712	101	132608	5.421	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	77164	5.137	ug/L	99
12) 1,1-Dichloroethene	2.069	96	77383	5.377	ug/L	87
13) Acetone	2.143	43	134138	66.302	ug/L	73
14) Carbon disulfide	2.240	76	248847	5.482	ug/L	99
15) Methyl Acetate	2.388	43	31801	5.967	ug/L	95
16) Methylene chloride	2.446	84	103629	5.718	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	178550	5.497	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	78879	5.364	ug/L	97
19) 1,1-Dichloroethane	3.111	63	163517	5.529	ug/L	100
21) 2-Butanone	3.896	43	190735	57.599	ug/L #	67
22) cis-1,2-Dichloroethene	3.815	96	85350	5.645	ug/L	93
23) Bromochloromethane	4.150	128	37120	5.429	ug/L	91
25) Chloroform	4.275	83	158069	5.497	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	98791	5.858	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	130441	5.164	ug/L	99
30) Cyclohexane	4.584	56	120662	5.014	ug/L	99
31) Carbon tetrachloride	4.735	117	110600	5.131	ug/L	99
33) Benzene	5.008	78	335067	5.310	ug/L	100
34) Trichloroethene	5.834	95	85631	5.159	ug/L	98
35) Methylcyclohexane	6.050	83	123182	4.927	ug/L	99
37) 1,2-Dichloropropane	6.092	63	92307	5.532	ug/L	100
38) Bromodichloromethane	6.433	83	106126	5.224	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	111671	5.035	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	477759	54.347	ug/L	99
42) Toluene	7.314	91	353167	5.397	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	92008	5.131	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	61313	5.296	ug/L	98
47) Tetrachloroethene	7.905	164	65978	5.011	ug/L	97
48) 2-Hexanone	8.076	43	357707	55.004	ug/L	99
49) Dibromochloromethane	8.175	129	62431	5.220	ug/L	99
50) 1,2-Dibromoethane	8.285	107	58026	5.337	ug/L	94
51) Chlorobenzene	8.812	112	224638	5.304	ug/L	98
52) Ethylbenzene	8.944	91	367484	5.241	ug/L	100
53) m,p-Xylene	9.072	106	136939	5.301	ug/L	97
54) o-Xylene	9.477	106	132242	5.304	ug/L	96
55) Styrene	9.493	104	234513	5.591	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	72975	5.143	ug/L	98
59) Bromoform	9.664	173	32272	5.314	ug/L	99
60) Isopropylbenzene	9.866	105	359253	5.485	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	52042	5.084	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	271115	5.126	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	275554	5.273	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	172287	5.227	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	172894	5.022	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	158236	5.170	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	10969	5.428	ug/L	84
69) 1,3,5-Trichlorobenzene	12.580	180	126052	5.038	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	101013	4.841	ug/L	99
71) Naphthalene	13.439	128	136415	4.549	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	91749	4.953	ug/L	98

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

