

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111723\
 Data File : VW032975.D
 Acq On : 16 Nov 2023 21:22
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV215

Quant Time: Nov 17 00:48:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:44:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	172658	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	171320	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	87996	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	68868	4.686	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.532	69	62920	4.466	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.060	65	29687	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.799	46	92987	47.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.980%
24) Chloroform-d	4.252	84	122797	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.947	65	53803	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.963	84	225684	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	5.992	67	65904	5.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.246	98	210674	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	7.558	79	24420	4.900	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.027	63	85436	50.137	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.280%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	47006	4.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	74492	4.865	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	88646	4.695	ug/L	99
3) Chloromethane	1.214	50	91314	4.862	ug/L	97
5) Vinyl chloride	1.282	62	87434	4.903	ug/L	99
6) Bromomethane	1.487	94	62913	4.950	ug/L	97
8) Chloroethane	1.548	64	64288	4.805	ug/L	98
9) Trichlorofluoromethane	1.712	101	135112	4.883	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	72124	4.597	ug/L	98
12) 1,1-Dichloroethene	2.069	96	69183	4.748	ug/L	98
13) Acetone	2.127	43	81673	44.912	ug/L	97
14) Carbon disulfide	2.240	76	209682	4.980	ug/L	99
15) Methyl Acetate	2.381	43	18777	4.654	ug/L #	90
16) Methylene chloride	2.445	84	72984	4.229	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	123478	5.076	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	68538	4.946	ug/L	99
19) 1,1-Dichloroethane	3.111	63	123228	5.021	ug/L	95
21) 2-Butanone	3.883	43	103249	46.810	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	71657	5.056	ug/L	95
23) Bromochloromethane	4.153	128	33285	5.119	ug/L	95
25) Chloroform	4.278	83	135518	5.005	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	75218	5.222	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	118370	5.004	ug/L	99
30) Cyclohexane	4.587	56	78679	4.770	ug/L	99
31) Carbon tetrachloride	4.738	117	100908	4.926	ug/L	99
33) Benzene	5.011	78	269999	5.340	ug/L	100
34) Trichloroethene	5.834	95	71702	5.153	ug/L	95
35) Methylcyclohexane	6.053	83	89377	4.848	ug/L	98
37) 1,2-Dichloropropane	6.095	63	63317	5.037	ug/L	99
38) Bromodichloromethane	6.436	83	90067	5.192	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	90968	5.275	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	277204	55.881	ug/L	99
42) Toluene	7.317	91	293539	5.337	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	74228	5.353	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	45393	5.016	ug/L	93
47) Tetrachloroethene	7.908	164	56931	4.858	ug/L	96
48) 2-Hexanone	8.079	43	195680	53.423	ug/L	98
49) Dibromochloromethane	8.178	129	57796	5.326	ug/L	98
50) 1,2-Dibromoethane	8.284	107	44104	5.096	ug/L #	99
51) Chlorobenzene	8.815	112	188538	5.105	ug/L	97
52) Ethylbenzene	8.947	91	291404	5.098	ug/L	99
53) m,p-Xylene	9.075	106	113815	5.150	ug/L	94
54) o-Xylene	9.481	106	108931	5.159	ug/L	93
55) Styrene	9.497	104	195629	5.387	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	51632	5.116	ug/L	99
59) Bromoform	9.667	173	30491	5.492	ug/L	99
60) Isopropylbenzene	9.870	105	291307	5.344	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	35601	5.540	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	221399	5.182	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	226965	5.271	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	153805	5.313	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	151738	5.134	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	136686	5.287	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	7933	5.150	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.583	180	107554	5.004	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	87163	5.001	ug/L	98
71) Naphthalene	13.442	128	126205	5.202	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	79122	5.213	ug/L	100

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

