

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034410.D
 Acq On : 26 Feb 2024 15:22
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV245

Quant Time: Feb 27 05:00:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 04:52:54 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		5.535	114	142929	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.786	117	133941	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.185	152	70773	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.275	65	41570	5.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.200%		
7) Chloroethane-d5		1.532	69	36925	5.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 100.800%		
11) 1,1-Dichloroethene-d2		2.056	65	19409	5.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 100.600%		
20) 2-Butanone-d5		3.825	46	126512	58.320	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 116.640%		
24) Chloroform-d		4.249	84	90336	5.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 108.400%		
26) 1,2-Dichloroethane-d4		4.944	65	47157	5.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.200%		
32) Benzene-d6		4.960	84	157519	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 104.600%		
36) 1,2-Dichloropropane-d6		5.989	67	48030	5.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.800%		
41) Toluene-d8		7.243	98	144151	5.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 106.600%		
43) trans-1,3-Dichloroprop...		7.558	79	19743	5.891	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 117.800%		
46) 2-Hexanone-d5		8.027	63	111550	58.860	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 117.720%		
56) 1,1,2,2-Tetrachloroeth...		10.153	84	40230	5.649	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 113.000%		
66) 1,2-Dichlorobenzene-d4		11.561	152	57208	5.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 106.400%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.105	85	47703	5.287	ug/L	97
3) Chloromethane		1.214	50	53087	4.958	ug/L	98
5) Vinyl chloride		1.281	62	54782	5.175	ug/L	98
6) Bromomethane		1.487	94	31553	5.250	ug/L	97
8) Chloroethane		1.548	64	37019	4.942	ug/L	97
9) Trichlorofluoromethane		1.712	101	93395	5.419	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		2.066	101	49451	5.320	ug/L	99
12) 1,1-Dichloroethene		2.066	96	47313	5.286	ug/L	94
13) Acetone		2.153	43	106903	48.453	ug/L	99
14) Carbon disulfide		2.236	76	131751	5.494	ug/L	100
15) Methyl Acetate		2.391	43	17928	4.737	ug/L	93
16) Methylene chloride		2.445	84	54969	5.377	ug/L	97
17) Methyl tert-butyl Ether		2.706	73	130642	5.614	ug/L	99
18) trans-1,2-Dichloroethene		2.693	96	48096	5.283	ug/L	99
19) 1,1-Dichloroethane		3.111	63	95036	5.425	ug/L	98
21) 2-Butanone		3.902	43	136971	56.549	ug/L	94
22) cis-1,2-Dichloroethene		3.812	96	53295	5.324	ug/L	98
23) Bromochloromethane		4.146	128	23713	5.683	ug/L	97
25) Chloroform		4.275	83	96698	5.314	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	63687	5.735	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	88832	5.302	ug/L	100
30) Cyclohexane	4.580	56	76796	5.329	ug/L	99
31) Carbon tetrachloride	4.735	117	75066	5.162	ug/L	100
33) Benzene	5.008	78	195869	5.284	ug/L	100
34) Trichloroethene	5.834	95	54125	5.591	ug/L	99
35) Methylcyclohexane	6.050	83	79314	5.219	ug/L	96
37) 1,2-Dichloropropane	6.092	63	48754	5.320	ug/L	97
38) Bromodichloromethane	6.432	83	65547	5.249	ug/L	97
39) cis-1,3-Dichloropropene	6.956	75	72056	5.674	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	332962	58.737	ug/L	99
42) Toluene	7.313	91	205707	5.282	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	60821	5.897	ug/L	95
45) 1,1,2-Trichloroethane	7.770	97	35334	5.669	ug/L	97
47) Tetrachloroethene	7.905	164	40318	5.309	ug/L	98
48) 2-Hexanone	8.079	43	237507	58.825	ug/L	99
49) Dibromochloromethane	8.178	129	40288	5.552	ug/L	96
50) 1,2-Dibromoethane	8.284	107	32859	5.636	ug/L	98
51) Chlorobenzene	8.815	112	136345	5.389	ug/L	97
52) Ethylbenzene	8.947	91	238188	5.430	ug/L	99
53) m,p-Xylene	9.072	106	88763	5.445	ug/L	99
54) o-Xylene	9.477	106	88149	5.416	ug/L	99
55) Styrene	9.497	104	148392	5.670	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	41895	5.619	ug/L	98
59) Bromoform	9.667	173	19066	5.276	ug/L	98
60) Isopropylbenzene	9.866	105	226910	5.356	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	32015	5.863	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	201247	5.443	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	203041	5.483	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	113822	5.532	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	108619	5.319	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	101996	5.288	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	7856	5.694	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	84560	5.356	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	75455	5.475	ug/L	98
71) Naphthalene	13.439	128	142260	6.041	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	68816	5.575	ug/L	99

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

