

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122823\
 Data File : VW033545.D
 Acq On : 28 Dec 2023 12:28
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV227

Quant Time: Dec 29 04:17:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 04:10:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	130957	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	119556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41100	5.007	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.532	69	35634	5.124	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.056	65	17244	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	3.812	46	100681	49.425	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.860%
24) Chloroform-d	4.249	84	82714	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	4.944	65	39113	5.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	4.960	84	162261	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
36) 1,2-Dichloropropane-d6	5.989	67	51195	5.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.243	98	141622	5.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	7.555	79	19489	5.046	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.027	63	81956	53.276	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.560%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31933	4.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	51517	5.292	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	59588	5.137	ug/L	100
3) Chloromethane	1.214	50	62651	5.025	ug/L	99
5) Vinyl chloride	1.281	62	60888	5.047	ug/L	97
6) Bromomethane	1.487	94	33386	4.920	ug/L	99
8) Chloroethane	1.548	64	37811	5.081	ug/L	99
9) Trichlorofluoromethane	1.712	101	74769	5.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	46837	5.237	ug/L	97
12) 1,1-Dichloroethene	2.069	96	42205	5.179	ug/L	90
13) Acetone	2.143	43	74973	42.739	ug/L	90
14) Carbon disulfide	2.240	76	130841	5.285	ug/L	97
15) Methyl Acetate	2.388	43	19025	4.039	ug/L #	90
16) Methylene chloride	2.445	84	54621	5.396	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	112548	5.009	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	46375	5.116	ug/L	97
19) 1,1-Dichloroethane	3.111	63	101970	5.168	ug/L	100
21) 2-Butanone	3.896	43	112219	46.986	ug/L #	62
22) cis-1,2-Dichloroethene	3.815	96	54799	5.328	ug/L	97
23) Bromochloromethane	4.146	128	20675	5.211	ug/L	97
25) Chloroform	4.275	83	97162	5.256	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	55226	5.143	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	82295	5.131	ug/L	99
30) Cyclohexane	4.584	56	90048	5.234	ug/L	98
31) Carbon tetrachloride	4.731	117	70628	5.385	ug/L	98
33) Benzene	5.008	78	203536	5.237	ug/L	100
34) Trichloroethene	5.831	95	55225	5.263	ug/L	98
35) Methylcyclohexane	6.050	83	88301	5.301	ug/L	98
37) 1,2-Dichloropropane	6.092	63	55139	5.344	ug/L	100
38) Bromodichloromethane	6.432	83	66713	5.255	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	83818	5.403	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	296560	53.359	ug/L	97
42) Toluene	7.317	91	217652	5.234	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	66200	5.484	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	31927	5.139	ug/L	96
47) Tetrachloroethene	7.905	164	39162	5.300	ug/L	95
48) 2-Hexanone	8.079	43	213766	52.290	ug/L	99
49) Dibromochloromethane	8.178	129	38352	5.273	ug/L	100
50) 1,2-Dibromoethane	8.284	107	29670	5.119	ug/L	98
51) Chlorobenzene	8.815	112	136460	5.239	ug/L	99
52) Ethylbenzene	8.947	91	254568	5.209	ug/L	99
53) m,p-Xylene	9.072	106	92743	5.129	ug/L	96
54) o-Xylene	9.477	106	92990	5.299	ug/L	99
55) Styrene	9.497	104	153659	5.222	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	34950	5.084	ug/L	100
59) Bromoform	9.667	173	20642	5.388	ug/L	97
60) Isopropylbenzene	9.866	105	255545	5.267	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	26815	5.346	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	212995	5.237	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	215093	5.343	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	108008	5.240	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	105801	5.032	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	96010	5.292	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	6516	5.546	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	83743	5.269	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	69535	5.219	ug/L	99
71) Naphthalene	13.442	128	124546	6.698	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	56657	5.392	ug/L	99

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

