

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033589.D
 Acq On : 12 Jan 2024 12:09
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

Quant Time: Jan 12 23:39:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:30:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	140148	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	127866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	63711	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36216	4.726	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.532	69	33120	4.873	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.056	65	16234	4.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	3.828	46	92487	49.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.720%
24) Chloroform-d	4.249	84	81748	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	4.947	65	36797	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.960	84	154475	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	5.989	67	48685	4.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.243	98	135457	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.558	79	18017	5.066	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.030	63	72841	52.172	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.340%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	29964	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	49220	5.032	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	63069	4.939	ug/L	97
3) Chloromethane	1.214	50	76760	5.014	ug/L	98
5) Vinyl chloride	1.281	62	71822	4.927	ug/L	100
6) Bromomethane	1.487	94	35658	4.890	ug/L	99
8) Chloroethane	1.548	64	43206	4.880	ug/L	100
9) Trichlorofluoromethane	1.712	101	90748	5.123	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	50734	5.096	ug/L	98
12) 1,1-Dichloroethene	2.069	96	47711	4.829	ug/L	98
13) Acetone	2.150	43	63456	41.716	ug/L	93
14) Carbon disulfide	2.240	76	181651	4.970	ug/L	100
15) Methyl Acetate	2.384	43	17744	4.880	ug/L	93
16) Methylene chloride	2.445	84	56792	4.871	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	117322	5.245	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	56636	5.075	ug/L	99
19) 1,1-Dichloroethane	3.108	63	112933	5.093	ug/L	98
21) 2-Butanone	3.905	43	103300	48.923	ug/L	94
22) cis-1,2-Dichloroethene	3.815	96	59318	5.076	ug/L	97
23) Bromochloromethane	4.150	128	22773	5.344	ug/L	98
25) Chloroform	4.275	83	104739	5.144	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	58870	5.075	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	90909	5.014	ug/L	99
30) Cyclohexane	4.580	56	109576	5.043	ug/L	97
31) Carbon tetrachloride	4.735	117	79398	5.137	ug/L	97
33) Benzene	5.008	78	232159	5.114	ug/L	100
34) Trichloroethene	5.831	95	61789	5.113	ug/L	97
35) Methylcyclohexane	6.050	83	103158	5.043	ug/L	98
37) 1,2-Dichloropropane	6.092	63	57881	5.134	ug/L	100
38) Bromodichloromethane	6.432	83	71328	5.191	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	85351	5.302	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	271092	52.309	ug/L	99
42) Toluene	7.317	91	244824	5.099	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	67801	5.226	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	31825	5.081	ug/L	98
47) Tetrachloroethene	7.905	164	44817	5.162	ug/L	99
48) 2-Hexanone	8.082	43	194078	51.118	ug/L	98
49) Dibromochloromethane	8.178	129	40798	5.231	ug/L	98
50) 1,2-Dibromoethane	8.284	107	30525	5.280	ug/L	98
51) Chlorobenzene	8.815	112	149248	5.074	ug/L	99
52) Ethylbenzene	8.947	91	281688	5.061	ug/L	99
53) m,p-Xylene	9.072	106	102413	4.995	ug/L	98
54) o-Xylene	9.477	106	101316	5.077	ug/L	100
55) Styrene	9.497	104	164314	5.167	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	36592	5.323	ug/L	96
59) Bromoform	9.667	173	21729	5.651	ug/L	97
60) Isopropylbenzene	9.866	105	261179	5.182	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	25698	5.032	ug/L	95
62) 1,3,5-Trimethylbenzene	10.477	105	228228	5.240	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	232829	5.295	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	116049	5.205	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	109721	5.026	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	102201	5.275	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	6011	5.355	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	89268	5.158	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	74769	5.185	ug/L	99
71) Naphthalene	13.442	128	129557	5.383	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	61017	5.276	ug/L	99

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

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