

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021524\
 Data File : VW034202.D
 Acq On : 15 Feb 2024 21:11
 Operator : SY/MD
 Sample : P1501-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10A0MS

Quant Time: Feb 16 00:45:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 16 00:40:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	67254	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	62702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	32491	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17916	3.440	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.532	69	17594	3.856	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.060	65	9694	3.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.809	46	51028	58.332	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.660%
24) Chloroform-d	4.249	84	46336	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	4.944	65	23268	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	4.960	84	77767	4.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	5.992	67	22622	4.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.243	98	70111	4.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.558	79	9508	4.788	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.027	63	37220	52.509	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.020%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16561	5.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	27311	4.622	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	29713	4.821	ug/L	100
3) Chloromethane	1.217	50	31293	4.655	ug/L	99
5) Vinyl chloride	1.285	62	31205	4.858	ug/L	91
6) Bromomethane	1.490	94	17608	5.205	ug/L	93
8) Chloroethane	1.552	64	19845	4.528	ug/L	98
9) Trichlorofluoromethane	1.712	101	55883	6.037	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	26826	5.544	ug/L	98
12) 1,1-Dichloroethene	2.069	96	24656	5.248	ug/L	93
13) Acetone	2.134	43	35583	53.617	ug/L #	42
14) Carbon disulfide	2.240	76	67324	4.429	ug/L	99
15) Methyl Acetate	2.384	43	7885	5.020	ug/L	98
16) Methylene chloride	2.449	84	22790	5.055	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	57214	5.927	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	23207	4.850	ug/L	100
19) 1,1-Dichloroethane	3.114	63	46288	5.264	ug/L	98
21) 2-Butanone	3.889	43	43562	49.671	ug/L #	48
22) cis-1,2-Dichloroethene	3.815	96	25542	4.704	ug/L	99
23) Bromochloromethane	4.153	128	10510	5.568	ug/L	88
25) Chloroform	4.278	83	46790	5.264	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	30948	6.081	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	46886	5.570	ug/L	99
30) Cyclohexane	4.584	56	36785	4.493	ug/L	94
31) Carbon tetrachloride	4.735	117	41939	5.694	ug/L	97
33) Benzene	5.011	78	92487	4.918	ug/L	100
34) Trichloroethene	5.834	95	27010	4.963	ug/L	98
35) Methylcyclohexane	6.050	83	39629	4.639	ug/L	99
37) 1,2-Dichloropropane	6.095	63	22731	4.990	ug/L #	97
38) Bromodichloromethane	6.432	83	31268	5.229	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	35290	5.091	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	119227	54.655	ug/L	97
42) Toluene	7.317	91	101724	5.061	ug/L	96
44) trans-1,3-Dichloropropene	7.584	75	28690	5.391	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	15517	5.516	ug/L	99
47) Tetrachloroethene	7.905	164	20612	4.661	ug/L	96
48) 2-Hexanone	8.075	43	82944	53.941	ug/L	99
49) Dibromochloromethane	8.175	129	19599	5.863	ug/L	98
50) 1,2-Dibromoethane	8.284	107	13996	5.543	ug/L	97
51) Chlorobenzene	8.815	112	63544	5.000	ug/L	98
52) Ethylbenzene	8.947	91	115780	5.004	ug/L	97
53) m,p-Xylene	9.072	106	44952	5.142	ug/L	98
54) o-Xylene	9.477	106	42629	5.056	ug/L	98
55) Styrene	9.497	104	70595	5.230	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	16098	5.422	ug/L	99
59) Bromoform	9.667	173	10855	6.065	ug/L	99
60) Isopropylbenzene	9.866	105	120317	5.005	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12546	5.617	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	100031	4.922	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	96486	4.886	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	53089	5.064	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	52096	5.019	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	46670	5.184	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	2510	5.362	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	39270	4.841	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	29976	4.733	ug/L	99
71) Naphthalene	13.442	128	42341	5.103	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	25789	5.082	ug/L	99

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

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