

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020724\
 Data File : VW034043.D
 Acq On : 07 Feb 2024 20:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

Quant Time: Feb 08 04:53:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 08 04:46:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	85353	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	78335	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42208	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23291	3.523	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.532	69	22311	3.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.060	65	12024	3.772	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	3.799	46	56204	50.625	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.260%
24) Chloroform-d	4.252	84	53757	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	4.944	65	26415	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	4.963	84	96990	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	5.992	67	27965	4.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.243	98	90504	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.558	79	10480	4.225	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.027	63	47833	54.015	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.020%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19208	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	33445	4.357	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	35390	4.525	ug/L	99
3) Chloromethane	1.214	50	38141	4.470	ug/L	99
5) Vinyl chloride	1.281	62	37526	4.603	ug/L	89
6) Bromomethane	1.487	94	20726	4.827	ug/L	98
8) Chloroethane	1.548	64	23027	4.140	ug/L	95
9) Trichlorofluoromethane	1.712	101	58493	4.979	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	29365	4.781	ug/L	99
12) 1,1-Dichloroethene	2.069	96	29187	4.895	ug/L	93
13) Acetone	2.124	43	39885	47.355	ug/L #	38
14) Carbon disulfide	2.240	76	81585	4.229	ug/L	99
15) Methyl Acetate	2.381	43	9470	4.751	ug/L	98
16) Methylene chloride	2.449	84	27697	4.841	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	65946	5.383	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	28079	4.623	ug/L	97
19) 1,1-Dichloroethane	3.114	63	53328	4.779	ug/L	94
21) 2-Butanone	3.879	43	53099	47.707	ug/L #	50
22) cis-1,2-Dichloroethene	3.815	96	31025	4.503	ug/L	97
23) Bromochloromethane	4.153	128	12418	5.184	ug/L	92
25) Chloroform	4.278	83	55918	4.957	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	33560	5.196	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	53644	5.101	ug/L	99
30) Cyclohexane	4.584	56	45491	4.448	ug/L	97
31) Carbon tetrachloride	4.738	117	45519	4.946	ug/L	99
33) Benzene	5.011	78	113238	4.820	ug/L	100
34) Trichloroethene	5.834	95	31076	4.570	ug/L	98
35) Methylcyclohexane	6.053	83	47431	4.444	ug/L	98
37) 1,2-Dichloropropane	6.095	63	26782	4.706	ug/L	99
38) Bromodichloromethane	6.436	83	37417	5.008	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	42324	4.887	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	146714	53.833	ug/L	99
42) Toluene	7.317	91	124194	4.946	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	34629	5.208	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	18669	5.312	ug/L	96
47) Tetrachloroethene	7.908	164	24763	4.482	ug/L	97
48) 2-Hexanone	8.075	43	102756	53.489	ug/L	99
49) Dibromochloromethane	8.178	129	21676	5.190	ug/L	100
50) 1,2-Dibromoethane	8.284	107	17412	5.520	ug/L #	99
51) Chlorobenzene	8.815	112	79367	4.999	ug/L	97
52) Ethylbenzene	8.947	91	140876	4.874	ug/L	99
53) m,p-Xylene	9.072	106	53166	4.867	ug/L	99
54) o-Xylene	9.480	106	51824	4.920	ug/L	100
55) Styrene	9.497	104	86915	5.154	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	19550	5.271	ug/L	97
59) Bromoform	9.667	173	11349	4.881	ug/L	98
60) Isopropylbenzene	9.866	105	143851	4.606	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	15079	5.197	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	121564	4.604	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	120039	4.679	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	65200	4.788	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	65268	4.840	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	58632	5.013	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	3415	5.616	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	49513	4.698	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	40974	4.981	ug/L	100
71) Naphthalene	13.442	128	65507	6.077	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	35620	5.404	ug/L	98

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

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