

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021924\
 Data File : VW034255.D
 Acq On : 19 Feb 2024 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005359

Quant Time: Feb 20 03:32:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 20 01:47:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	70530	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	64698	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	34285	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21363	3.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.532	69	19795	4.137	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.060	65	11087	4.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	3.818	46	44424	48.424	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.840%
24) Chloroform-d	4.253	84	45881	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.944	65	22900	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	4.963	84	83488	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.989	67	22457	4.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.243	98	77412	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.558	79	9104	4.444	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.027	63	35992	49.210	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.420%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15189	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	28643	4.594	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	25272	3.910	ug/L	96
3) Chloromethane	1.217	50	30232	4.288	ug/L	96
5) Vinyl chloride	1.285	62	29236	4.340	ug/L	96
6) Bromomethane	1.491	94	13860	3.907	ug/L	99
8) Chloroethane	1.552	64	19927	4.336	ug/L	95
9) Trichlorofluoromethane	1.712	101	53019	5.461	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	26712	5.264	ug/L	99
12) 1,1-Dichloroethene	2.069	96	25916	5.260	ug/L	96
13) Acetone	2.137	43	38103	54.747	ug/L #	38
14) Carbon disulfide	2.240	76	75413	4.730	ug/L	99
15) Methyl Acetate	2.388	43	8096	4.915	ug/L	97
16) Methylene chloride	2.449	84	39795	8.418	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	55457	5.478	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	25016	4.985	ug/L	95
19) 1,1-Dichloroethane	3.111	63	45090	4.890	ug/L	94
21) 2-Butanone	3.892	43	44064	47.910	ug/L #	52
22) cis-1,2-Dichloroethene	3.818	96	25830	4.537	ug/L	96
23) Bromochloromethane	4.153	128	10521	5.315	ug/L	85
25) Chloroform	4.278	83	47509	5.097	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	30259	5.669	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	46914	5.401	ug/L	100
30) Cyclohexane	4.580	56	37541	4.444	ug/L	96
31) Carbon tetrachloride	4.738	117	41061	5.403	ug/L	99
33) Benzene	5.011	78	97088	5.003	ug/L	100
34) Trichloroethene	5.834	95	26395	4.700	ug/L	97
35) Methylcyclohexane	6.050	83	39403	4.470	ug/L	98
37) 1,2-Dichloropropane	6.095	63	22493	4.785	ug/L	100
38) Bromodichloromethane	6.436	83	32130	5.207	ug/L	96
39) cis-1,3-Dichloropropene	6.957	75	30701	4.293	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	117421	52.166	ug/L	98
42) Toluene	7.314	91	106925	5.156	ug/L	93
44) trans-1,3-Dichloropropene	7.584	75	26946	4.907	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	14848	5.116	ug/L	96
47) Tetrachloroethene	7.905	164	21330	4.674	ug/L	98
48) 2-Hexanone	8.079	43	83314	52.510	ug/L	97
49) Dibromochloromethane	8.175	129	19102	5.538	ug/L	98
50) 1,2-Dibromoethane	8.285	107	13925	5.345	ug/L #	100
51) Chlorobenzene	8.815	112	66201	5.049	ug/L	97
52) Ethylbenzene	8.947	91	121114	5.073	ug/L	99
53) m,p-Xylene	9.072	106	45757	5.072	ug/L	98
54) o-Xylene	9.477	106	45328	5.211	ug/L	98
55) Styrene	9.497	104	70909	5.091	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	16330	5.331	ug/L	96
59) Bromoform	9.667	173	9232	4.888	ug/L	98
60) Isopropylbenzene	9.866	105	117208	4.620	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12211	5.181	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	102775	4.792	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	103665	4.975	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	56069	5.069	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	53679	4.901	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	49516	5.212	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	2748	5.563	ug/L	86
69) 1,3,5-Trichlorobenzene	12.583	180	41585	4.858	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	34897	5.222	ug/L	97
71) Naphthalene	13.442	128	48833	5.577	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	29057	5.427	ug/L	98

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

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