

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033704.D
 Acq On : 17 Jan 2024 04:54
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005327

Quant Time: Jan 17 05:13:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 01:35:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	108478	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	100478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52117	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	20895	3.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.535	69	20932	3.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.063	65	10258	3.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	3.812	46	71003	48.956	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.920%
24) Chloroform-d	4.252	84	59169	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.947	65	27340	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	4.963	84	102449	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	5.992	67	33128	4.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.243	98	92083	4.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.558	79	11832	4.234	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.027	63	54356	49.544	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.080%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	22435	4.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	35840	4.479	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	47842	4.841	ug/L	100
3) Chloromethane	1.217	50	55172	4.656	ug/L	98
5) Vinyl chloride	1.285	62	55575	4.925	ug/L	98
6) Bromomethane	1.490	94	20223	3.583	ug/L	97
8) Chloroethane	1.551	64	35098	5.121	ug/L	95
9) Trichlorofluoromethane	1.715	101	74825	5.457	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	39453	5.120	ug/L	97
12) 1,1-Dichloroethene	2.072	96	39735	5.196	ug/L	97
13) Acetone	2.140	43	49648	42.168	ug/L	93
14) Carbon disulfide	2.243	76	137320	4.854	ug/L	99
15) Methyl Acetate	2.387	43	13994	4.973	ug/L	97
16) Methylene chloride	2.449	84	42945	4.759	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	89573	5.173	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	43634	5.051	ug/L	94
19) 1,1-Dichloroethane	3.114	63	84581	4.928	ug/L	97
21) 2-Butanone	3.892	43	73581	45.022	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	46356	5.125	ug/L	100
23) Bromochloromethane	4.153	128	17281	5.239	ug/L	95
25) Chloroform	4.278	83	81761	5.188	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	46674	5.198	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	74582	5.235	ug/L	100
30) Cyclohexane	4.583	56	78490	4.597	ug/L	95
31) Carbon tetrachloride	4.738	117	64037	5.272	ug/L	98
33) Benzene	5.011	78	177725	4.982	ug/L	100
34) Trichloroethene	5.834	95	46282	4.874	ug/L	99
35) Methylcyclohexane	6.050	83	75451	4.694	ug/L	97
37) 1,2-Dichloropropane	6.095	63	43779	4.942	ug/L	100
38) Bromodichloromethane	6.432	83	55015	5.095	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	61650	4.873	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	198337	48.702	ug/L	98
42) Toluene	7.316	91	190822	5.058	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	49006	4.807	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	24962	5.072	ug/L	98
47) Tetrachloroethene	7.905	164	35458	5.197	ug/L	100
48) 2-Hexanone	8.079	43	138600	46.457	ug/L	99
49) Dibromochloromethane	8.178	129	31955	5.214	ug/L	99
50) 1,2-Dibromoethane	8.284	107	23362	5.142	ug/L	97
51) Chlorobenzene	8.815	112	118422	5.124	ug/L	99
52) Ethylbenzene	8.947	91	218746	5.002	ug/L	97
53) m,p-Xylene	9.072	106	79699	4.946	ug/L	96
54) o-Xylene	9.477	106	78901	5.032	ug/L	100
55) Styrene	9.496	104	128649	5.148	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	28219	5.224	ug/L	95
59) Bromoform	9.667	173	15571	4.950	ug/L	99
60) Isopropylbenzene	9.866	105	204681	4.964	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	21067	5.043	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	178177	5.001	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	181565	5.048	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	92744	5.086	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	88606	4.962	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	80140	5.057	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	4227	4.604	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	69468	4.907	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	54533	4.623	ug/L	99
71) Naphthalene	13.442	128	64420	3.272	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	42316	4.473	ug/L	99

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

