

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041222\
 Data File : VW025464.D
 Acq On : 12 Apr 2022 09:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005372

Quant Time: Apr 13 02:28:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 12 07:03:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	143517	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55172	4.135	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.568	69	52396	3.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.111	63	124946	4.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	3.889	46	82338	50.731	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.460%
24) Chloroform-d	4.346	84	93372	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.031	65	41022	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.047	84	174088	4.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.066	67	50760	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.310	98	161385	4.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	7.622	79	16790	4.232	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.085	63	61528	44.186	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33280	4.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	55453	4.115	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	73581	5.676	ug/L	98
3) Chloromethane	1.243	50	86898	6.169	ug/L	97
5) Vinyl chloride	1.314	62	94493	5.936	ug/L	98
6) Bromomethane	1.523	94	58014	5.054	ug/L	99
8) Chloroethane	1.587	64	63905	5.201	ug/L	99
9) Trichlorofluoromethane	1.754	101	138953	6.215	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	75767	6.032	ug/L	99
12) 1,1-Dichloroethene	2.117	96	72454	5.820	ug/L	85
13) Acetone	2.185	43	61947	56.233	ug/L	99
14) Carbon disulfide	2.294	76	157418	5.283	ug/L	100
15) Methyl Acetate	2.442	43	15016	6.133	ug/L	89
16) Methylene chloride	2.507	84	55745	4.619	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	95974	4.983	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	56423	5.409	ug/L	94
19) 1,1-Dichloroethane	3.188	63	96717	5.474	ug/L	98
21) 2-Butanone	3.973	43	79984	52.545	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	57610	5.246	ug/L	95
23) Bromochloromethane	4.246	128	24773	5.434	ug/L	97
25) Chloroform	4.371	83	105180	5.640	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	54870	5.577	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	94947	5.503	ug/L	99
30) Cyclohexane	4.670	56	77510	4.941	ug/L	99
31) Carbon tetrachloride	4.822	117	81529	5.587	ug/L	97
33) Benzene	5.095	78	226663	5.245	ug/L	100
34) Trichloroethene	5.912	95	61260	5.339	ug/L	99
35) Methylcyclohexane	6.127	83	91639	5.005	ug/L	96
37) 1,2-Dichloropropane	6.169	63	51843	5.186	ug/L	97
38) Bromodichloromethane	6.506	83	67313	5.424	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	66656	5.088	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	214973	53.706	ug/L	97
42) Toluene	7.384	91	247245	5.260	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	53104	5.217	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	35855	5.356	ug/L	98
47) Tetrachloroethene	7.973	164	47103	5.244	ug/L	97
48) 2-Hexanone	8.136	43	150468	53.940	ug/L	99
49) Dibromochloromethane	8.243	129	39604	5.389	ug/L	99
50) 1,2-Dibromoethane	8.349	107	31478	5.006	ug/L	98
51) Chlorobenzene	8.879	112	155702	5.188	ug/L	98
52) Ethylbenzene	9.008	91	253158	5.050	ug/L	99
53) m,p-Xylene	9.133	106	100029	5.248	ug/L	99
54) o-Xylene	9.542	106	96488	5.212	ug/L	94
55) Styrene	9.558	104	162134	5.386	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	34447	5.150	ug/L	99
59) Bromoform	9.728	173	17255	5.201	ug/L	98
60) Isopropylbenzene	9.927	105	257156	5.169	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	27425	5.181	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	107299	4.837	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	201570	5.043	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	118899	5.120	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	118075	5.009	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	104918	5.101	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4686	5.120	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	86785	4.912	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	63563	4.667	ug/L	99
71) Naphthalene	13.500	128	88165	4.412	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54172	4.803	ug/L	99

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

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