

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025600.D
 Acq On : 16 Apr 2022 05:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005381

Quant Time: Apr 16 05:49:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 04:36:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119642	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117557	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	45172	4.061	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.571	69	48199	4.073	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.114	63	94622	4.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.896	46	84054	62.123	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.240%
24) Chloroform-d	4.355	84	83153	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.037	65	38919	5.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.053	84	155386	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.072	67	46890	4.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.317	98	138218	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.625	79	14414	4.521	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.088	63	63625	56.858	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.720%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32214	5.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	47251	4.525	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	41263	3.818	ug/L	96
3) Chloromethane	1.243	50	60427	5.146	ug/L	98
5) Vinyl chloride	1.314	62	60496	4.559	ug/L	99
6) Bromomethane	1.526	94	36477	3.812	ug/L	96
8) Chloroethane	1.587	64	46342	4.524	ug/L	98
9) Trichlorofluoromethane	1.757	101	82123	4.406	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	42743	4.082	ug/L	97
12) 1,1-Dichloroethene	2.124	96	45195	4.355	ug/L	84
13) Acetone	2.182	43	54979	59.867	ug/L	97
14) Carbon disulfide	2.298	76	94034	3.786	ug/L	99
15) Methyl Acetate	2.442	43	14045	6.881	ug/L #	86
16) Methylene chloride	2.510	84	45827	4.555	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	81940	5.103	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	36654	4.215	ug/L	97
19) 1,1-Dichloroethane	3.195	63	73543	4.993	ug/L	98
21) 2-Butanone	3.979	43	74643	58.821	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	41853	4.572	ug/L	97
23) Bromochloromethane	4.256	128	18096	4.761	ug/L	87
25) Chloroform	4.381	83	78015	5.018	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	42892	5.229	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	62237	4.489	ug/L	99
30) Cyclohexane	4.680	56	47281	3.751	ug/L	99
31) Carbon tetrachloride	4.831	117	49881	4.254	ug/L	99
33) Benzene	5.101	78	159789	4.601	ug/L	100
34) Trichloroethene	5.915	95	37876	4.108	ug/L	97
35) Methylcyclohexane	6.133	83	50841	3.456	ug/L	95
37) 1,2-Dichloropropane	6.175	63	38113	4.744	ug/L	99
38) Bromodichloromethane	6.510	83	49815	4.995	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	45961	4.365	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	196222	61.001	ug/L	95
42) Toluene	7.387	91	161769	4.282	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	35572	4.349	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	26788	4.979	ug/L	96
47) Tetrachloroethene	7.976	164	27486	3.808	ug/L	95
48) 2-Hexanone	8.140	43	141368	63.063	ug/L	94
49) Dibromochloromethane	8.246	129	27794	4.706	ug/L	96
50) 1,2-Dibromoethane	8.355	107	23916	4.733	ug/L	99
51) Chlorobenzene	8.882	112	101429	4.205	ug/L	99
52) Ethylbenzene	9.014	91	160306	3.979	ug/L	98
53) m,p-Xylene	9.140	106	62048	4.051	ug/L	97
54) o-Xylene	9.542	106	60664	4.078	ug/L	100
55) Styrene	9.561	104	103617	4.283	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	28651	5.330	ug/L	99
59) Bromoform	9.731	173	11927	4.639	ug/L	94
60) Isopropylbenzene	9.931	105	157259	4.079	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22477	5.480	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	66265	3.855	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	121615	3.927	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	75066	4.172	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	72934	3.993	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	66771	4.190	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	3737	5.270	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	50236	3.669	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	38642	3.661	ug/L	97
71) Naphthalene	13.503	128	63375	4.093	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	33591	3.844	ug/L	98

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

