

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026224.D
 Acq On : 14 Jun 2022 09:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005313

Quant Time: Jun 15 05:44:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 14 02:36:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	171617	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86438	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	97561	4.347	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.574	69	79920	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.114	63	166154	4.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.902	46	85187	50.878	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.760%
24) Chloroform-d	4.352	84	150585	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.034	65	64719	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.053	84	307541	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.069	67	86652	4.589	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.313	98	287022	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.622	79	26639	4.674	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.088	63	93193	52.511	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56217	4.997	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	85082	4.391	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.137	85	80428	5.098	ug/L	98
3) Chloromethane	1.249	50	83550	4.880	ug/L	99
5) Vinyl chloride	1.320	62	89440	4.988	ug/L	100
6) Bromomethane	1.529	94	48852	4.662	ug/L	100
8) Chloroethane	1.593	64	57085	5.103	ug/L	98
9) Trichlorofluoromethane	1.760	101	124793	5.167	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	70305	5.123	ug/L	99
12) 1,1-Dichloroethene	2.127	96	68001	5.182	ug/L	# 76
13) Acetone	2.191	43	43239	45.230	ug/L	98
14) Carbon disulfide	2.301	76	166484	4.996	ug/L	99
15) Methyl Acetate	2.445	43	17809	6.379	ug/L	97
16) Methylene chloride	2.513	84	84045	6.214	ug/L	97
17) Methyl tert-butyl Ether	2.777	73	112210	5.259	ug/L	100
18) trans-1,2-Dichloroethene	2.767	96	63681	5.061	ug/L	98
19) 1,1-Dichloroethane	3.194	63	120901	5.007	ug/L	98
21) 2-Butanone	3.989	43	65881	50.629	ug/L	87
22) cis-1,2-Dichloroethene	3.915	96	63606	5.025	ug/L	98
23) Bromochloromethane	4.252	128	28102	5.317	ug/L	95
25) Chloroform	4.378	83	131043	5.193	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	59828	5.101	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	111459	5.060	ug/L	99
30) Cyclohexane	4.680	56	81910	4.856	ug/L	98
31) Carbon tetrachloride	4.831	117	92668	5.206	ug/L	99
33) Benzene	5.101	78	268525	5.286	ug/L	100
34) Trichloroethene	5.915	95	67075	4.888	ug/L	99
35) Methylcyclohexane	6.130	83	88271	4.759	ug/L	99
37) 1,2-Dichloropropane	6.172	63	66462	5.050	ug/L	99
38) Bromodichloromethane	6.509	83	81607	5.206	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	67189	4.576	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	272229	57.802	ug/L	95
42) Toluene	7.387	91	293624	5.459	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	58852	5.096	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	44726	5.399	ug/L	99
47) Tetrachloroethene	7.972	164	50021	5.077	ug/L	96
48) 2-Hexanone	8.140	43	197096	58.932	ug/L	98
49) Dibromochloromethane	8.243	129	49895	5.518	ug/L	92
50) 1,2-Dibromoethane	8.352	107	38344	5.411	ug/L	99
51) Chlorobenzene	8.879	112	176189	5.094	ug/L	99
52) Ethylbenzene	9.011	91	270008	5.059	ug/L	99
53) m,p-Xylene	9.136	106	107626	5.268	ug/L	96
54) o-Xylene	9.541	106	102219	5.175	ug/L	96
55) Styrene	9.558	104	182620	5.608	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	45072	5.368	ug/L	98
59) Bromoform	9.731	173	23099	5.564	ug/L	99
60) Isopropylbenzene	9.931	105	274925	4.864	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34124	5.147	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	207145	4.647	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	209537	4.776	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	136081	5.049	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	131664	4.925	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	120962	5.006	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	6008	5.163	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	88770	4.686	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	66607	4.885	ug/L	100
71) Naphthalene	13.500	128	92244	4.839	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57241	5.084	ug/L	96

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

