

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027654.D
 Acq On : 01 Sep 2022 07:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005396

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 07:30:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	147024	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146375	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	76263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	77990	4.883	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.568	69	66428	4.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.108	63	150212	4.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	3.889	46	103414m	38.295	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.580%
24) Chloroform-d	4.346	84	151051	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.031	65	67339	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.047	84	283263	4.724	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.066	67	80907	4.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.313	98	261020	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.622	79	25314	4.431	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.088	63	101370	47.182	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54606	4.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	80087	4.691	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	95296	4.758	ug/L	98
3) Chloromethane	1.240	50	90648	4.727	ug/L	99
5) Vinyl chloride	1.310	62	87648	4.800	ug/L	98
6) Bromomethane	1.523	94	42383	4.938	ug/L	99
8) Chloroethane	1.587	64	52868	5.180	ug/L	96
9) Trichlorofluoromethane	1.754	101	124307	5.076	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	63366	4.753	ug/L	98
12) 1,1-Dichloroethene	2.121	96	60680	4.944	ug/L	91
13) Acetone	2.175	43	72591m	39.726	ug/L	
14) Carbon disulfide	2.294	76	189898	4.897	ug/L	100
15) Methyl Acetate	2.433	43	17245	3.557	ug/L	99
16) Methylene chloride	2.507	84	73959	4.777	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	117217	4.471	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	64061	4.605	ug/L	98
19) 1,1-Dichloroethane	3.188	63	126204	4.634	ug/L	97
21) 2-Butanone	3.976	43	93457m	37.711	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	63133	4.547	ug/L	94
23) Bromochloromethane	4.246	128	27876	4.532	ug/L	98
25) Chloroform	4.371	83	132519	4.634	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	69735	4.467	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	114437	4.521	ug/L	99
30) Cyclohexane	4.674	56	95866	4.490	ug/L	99
31) Carbon tetrachloride	4.825	117	100721	4.651	ug/L	99
33) Benzene	5.098	78	271153	4.749	ug/L	100
34) Trichloroethene	5.912	95	64756	4.614	ug/L	97
35) Methylcyclohexane	6.130	83	96957	4.452	ug/L	98
37) 1,2-Dichloropropane	6.172	63	65650	4.554	ug/L	98
38) Bromodichloromethane	6.506	83	83663	4.589	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	72027m	4.092	ug/L	
40) 4-Methyl-2-pentanone	7.227	43	303176	47.318	ug/L	99
42) Toluene	7.384	91	284123	4.984	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	63497	4.427	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	43012	4.626	ug/L	99
47) Tetrachloroethene	7.973	164	52360	4.601	ug/L	97
48) 2-Hexanone	8.140	43	233955	48.656	ug/L	98
49) Dibromochloromethane	8.243	129	51057	4.634	ug/L	96
50) 1,2-Dibromoethane	8.349	107	38090	4.573	ug/L	99
51) Chlorobenzene	8.879	112	169866	4.726	ug/L	98
52) Ethylbenzene	9.011	91	272821	4.724	ug/L	98
53) m,p-Xylene	9.136	106	107159	4.826	ug/L	96
54) o-Xylene	9.542	106	102599	4.842	ug/L	99
55) Styrene	9.558	104	179119	4.950	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	48697	4.736	ug/L	97
59) Bromoform	9.731	173	24882	4.593	ug/L	99
60) Isopropylbenzene	9.927	105	273733	4.743	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34824	4.513	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	71732	4.555	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	203020	4.483	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	131054	4.705	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	128201	4.629	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	118356	4.737	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6829	4.444	ug/L #	88
69) 1,3,5-Trichlorobenzene	12.641	180	91510	4.557	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	63930	4.319	ug/L	100
71) Naphthalene	13.500	128	81253	3.507	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	56138	4.210	ug/L	99

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

