

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120222\
 Data File : VW029386.D
 Acq On : 02 Dec 2022 10:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005374

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 21:13:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 30 00:19:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	258221	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	229443	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	116544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65960	4.151	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.000%	
7) Chloroethane-d5	1.565	69	53922	4.635	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.105	63	112082	4.408	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.200%	
20) 2-Butanone-d5	3.905	46	133705	50.296	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.600%	
24) Chloroform-d	4.339	84	145143	5.117	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4	5.024	65	62545	5.012	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.040	84	298008	4.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	6.063	67	87116	4.889	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.800%	
41) Toluene-d8	7.307	98	273824	4.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	7.616	79	33332	4.852	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.000%	
46) 2-Hexanone-d5	8.085	63	139265	56.870	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	113.740%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	61108	5.558	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.200%	
66) 1,2-Dichlorobenzene-d4	11.612	152	100432	4.933	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	93830	4.870	ug/L	98
3) Chloromethane	1.240	50	103175	5.845	ug/L	98
5) Vinyl chloride	1.311	62	93774	5.331	ug/L	98
6) Bromomethane	1.520	94	40234	3.665	ug/L	98
8) Chloroethane	1.584	64	55707	5.328	ug/L	98
9) Trichlorofluoromethane	1.751	101	126834	5.151	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	69824	5.086	ug/L	98
12) 1,1-Dichloroethene	2.114	96	70126	5.282	ug/L	92
13) Acetone	2.204	43	84040	43.479	ug/L	57
14) Carbon disulfide	2.291	76	224660	5.823	ug/L	100
15) Methyl Acetate	2.439	43	27628m	4.974	ug/L	
16) Methylene chloride	2.503	84	95246	4.695	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	177828	5.238	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	83746	5.496	ug/L	97
19) 1,1-Dichloroethane	3.182	63	150964	5.504	ug/L	97
21) 2-Butanone	3.986	43	145598	48.118	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	95127	5.458	ug/L	93
23) Bromochloromethane	4.240	128	38285	5.484	ug/L	98
25) Chloroform	4.365	83	155371	5.426	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	81511	5.254	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	138566	5.251	ug/L	99
30) Cyclohexane	4.667	56	133857	5.132	ug/L	97
31) Carbon tetrachloride	4.818	117	118741	5.320	ug/L	98
33) Benzene	5.092	78	358875	5.230	ug/L	100
34) Trichloroethene	5.905	95	90469	5.168	ug/L	93
35) Methylcyclohexane	6.124	83	141699	4.795	ug/L	98
37) 1,2-Dichloropropane	6.166	63	85590	5.295	ug/L	99
38) Bromodichloromethane	6.503	83	111826	5.779	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	115261	4.878	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	396038	52.355	ug/L	99
42) Toluene	7.378	91	384236	5.217	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	92413	4.937	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	59213	5.410	ug/L	98
47) Tetrachloroethene	7.966	164	70723	4.928	ug/L	97
48) 2-Hexanone	8.137	43	274130	51.984	ug/L	99
49) Dibromochloromethane	8.236	129	72927	5.924	ug/L	96
50) 1,2-Dibromoethane	8.342	107	52827	5.532	ug/L	100
51) Chlorobenzene	8.873	112	231784	5.035	ug/L	99
52) Ethylbenzene	9.002	91	395577	5.152	ug/L	99
53) m,p-Xylene	9.130	106	152524	5.036	ug/L	97
54) o-Xylene	9.535	106	151424	5.090	ug/L	98
55) Styrene	9.551	104	260961	5.196	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	65113	5.750	ug/L	97
59) Bromoform	9.722	173	39074	6.382	ug/L	100
60) Isopropylbenzene	9.921	105	402537	5.342	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	43859	5.426	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	346089	5.305	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	346743	5.284	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	190902	5.431	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	183614	5.280	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	173731	5.364	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	9964	6.277	ug/L	97
69) 1,3,5-Trichlorobenzene	12.632	180	150049	5.181	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	120954	5.154	ug/L	99
71) Naphthalene	13.493	128	106876	5.261	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	102047	5.341	ug/L	99

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

