

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101422\
 Data File : VW028552.D
 Acq On : 14 Oct 2022 16:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005323

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/17/2022
 Supervised By :Mahesh Dadoda 10/18/2022

Quant Time: Oct 15 02:32:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:24:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.600	114	276529	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.841	117	208725	5.000	ug/L	-0.02
58) 1,4-Dichlorobenzene-d4	11.239	152	101565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	103291	4.340	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.800%	
7) Chloroethane-d5	1.558	69	86998	4.447	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.095	63	180518	4.188	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.800%	
20) 2-Butanone-d5	3.944	46	254621	49.768	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.540%	
24) Chloroform-d	4.333	84	172784	4.741	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.021	65	88636	4.667	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	5.030	84	345291	5.123	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6	6.053	67	114674m	5.273	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.400%	
41) Toluene-d8	7.294	98	233580	4.374	ug/L	-0.03
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	7.609	79	31526	4.291	ug/L	-0.03
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.101	63	141309	44.560	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.120%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	58791	4.539	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	11.615	152	76157	4.544	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	65912	4.220	ug/L	98
3) Chloromethane	1.230	50	115678	4.425	ug/L	98
5) Vinyl chloride	1.301	62	116751	4.585	ug/L	98
6) Bromomethane	1.513	94	52749	4.601	ug/L	98
8) Chloroethane	1.574	64	78544	4.756	ug/L	99
9) Trichlorofluoromethane	1.741	101	141167	4.536	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	84241	4.592	ug/L	98
12) 1,1-Dichloroethene	2.105	96	78779	4.582	ug/L	96
13) Acetone	2.233	43	153110	42.617	ug/L	100
14) Carbon disulfide	2.278	76	221942	4.610	ug/L	100
15) Methyl Acetate	2.449	43	48133	5.662	ug/L	100
16) Methylene chloride	2.494	84	122127	5.035	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	212191	4.859	ug/L	99
18) trans-1,2-Dichloroethene	2.741	96	85472	4.767	ug/L	95
19) 1,1-Dichloroethane	3.172	63	198400	4.916	ug/L	99
21) 2-Butanone	4.027	43	266042	51.701	ug/L	96
22) cis-1,2-Dichloroethene	3.892	96	97684	4.818	ug/L #	98
23) Bromochloromethane	4.230	128	34572	4.447	ug/L	92
25) Chloroform	4.358	83	182009	4.759	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	108106	4.748	ug/L	99
29) 1,1,1-Trichloroethane	4.587	97	150137	5.204	ug/L	97
30) Cyclohexane	4.645	56	177134	5.318	ug/L	100
31) Carbon tetrachloride	4.802	117	118689	5.232	ug/L	100
33) Benzene	5.079	78	389761	5.285	ug/L	100
34) Trichloroethene	5.889	95	93057	5.283	ug/L	96
35) Methylcyclohexane	6.098	83	158585	5.407	ug/L	93
37) 1,2-Dichloropropane	6.156	63	99176	5.284	ug/L	100
38) Bromodichloromethane	6.487	83	118333	5.528	ug/L	99
39) cis-1,3-Dichloropropene	7.008	75	110636	4.425	ug/L	100
40) 4-Methyl-2-pentanone	7.243	43	461965	45.197	ug/L	98
42) Toluene	7.368	91	320749	4.635	ug/L	100
44) trans-1,3-Dichloropropene	7.638	75	85794	4.475	ug/L	97
45) 1,1,2-Trichloroethane	7.831	97	48791	4.676	ug/L	98
47) Tetrachloroethene	7.956	164	51921	4.529	ug/L	99
48) 2-Hexanone	8.149	43	326555	46.189	ug/L	98
49) Dibromochloromethane	8.233	129	49492	4.447	ug/L	99
50) 1,2-Dibromoethane	8.342	107	42170	4.590	ug/L #	98
51) Chlorobenzene	8.870	112	198094	4.617	ug/L	97
52) Ethylbenzene	8.998	91	353509	4.599	ug/L	98
53) m,p-Xylene	9.127	106	129487	4.504	ug/L	98
54) o-Xylene	9.532	106	128024	4.594	ug/L	96
55) Styrene	9.548	104	218032	4.625	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	56932	4.441	ug/L	99
59) Bromoform	9.722	173	22740	4.447	ug/L	96
60) Isopropylbenzene	9.921	105	352004	4.748	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	41267	4.547	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	103148	4.625	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	286656	4.701	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	144266	4.613	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	143490	4.681	ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	129238	4.606	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	8094	4.296	ug/L	93
69) 1,3,5-Trichlorobenzene	12.635	180	106846	4.670	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	78482	4.504	ug/L	96
71) Naphthalene	13.490	128	125818	4.819	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	66800	4.652	ug/L	99

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

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