

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101722\
 Data File : VV028575.D
 Acq On : 17 Oct 2022 09:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005325

Manual Integrations
 APPROVED

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

Quant Time: Oct 18 01:12:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:57:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	318785	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	304863	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	148230	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	132803	4.841	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.800%	
7) Chloroethane-d5	1.564	69	115020	5.100	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.000%	
11) 1,1-Dichloroethene-d2	2.105	63	245422	4.939	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.800%	
20) 2-Butanone-d5	3.883	46	301089	51.049	ug/L	-0.06
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.100%	
24) Chloroform-d	4.339	84	215872	5.139	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
26) 1,2-Dichloroethane-d4	5.024	65	104966	4.794	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	5.043	84	429392	4.362	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.063	67	141504	4.454	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.000%	
41) Toluene-d8	7.307	98	370187	4.747	ug/L	0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	7.616	79	50464	4.702	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.000%	
46) 2-Hexanone-d5	8.082	63	225109	48.600	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.200%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	90928	4.807	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	117652	4.810	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	99990	5.554	ug/L	100
3) Chloromethane	1.240	50	148488	4.927	ug/L	99
5) Vinyl chloride	1.310	62	150014	5.110	ug/L	99
6) Bromomethane	1.519	94	68132	5.155	ug/L	98
8) Chloroethane	1.584	64	96574m	5.073	ug/L	
9) Trichlorofluoromethane	1.751	101	196335	5.473	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	115056	5.440	ug/L	99
12) 1,1-Dichloroethene	2.114	96	106013	5.348	ug/L	94
13) Acetone	2.182	43	191824	46.316	ug/L	89
14) Carbon disulfide	2.291	76	273295	4.924	ug/L	99
15) Methyl Acetate	2.432	43	45595	4.652	ug/L #	90
16) Methylene chloride	2.503	84	115374	4.126	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	257122	5.107	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	106647	5.159	ug/L	97
19) 1,1-Dichloroethane	3.182	63	236553	5.085	ug/L	99
21) 2-Butanone	3.969	43	287140	48.404	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	121339	5.192	ug/L #	94
23) Bromochloromethane	4.239	128	46319	5.169	ug/L	92
25) Chloroform	4.365	83	227900	5.169	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	129924	4.950	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	187102	4.440	ug/L	97
30) Cyclohexane	4.670	56	203328	4.179	ug/L	95
31) Carbon tetrachloride	4.818	117	151079	4.560	ug/L	100
33) Benzene	5.092	78	488838	4.538	ug/L	100
34) Trichloroethene	5.905	95	119816	4.657	ug/L	97
35) Methylcyclohexane	6.124	83	199549	4.658	ug/L	99
37) 1,2-Dichloropropane	6.165	63	129005	4.706	ug/L	99
38) Bromodichloromethane	6.503	83	150758	4.822	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	177548	4.861	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	734233	49.182	ug/L	100
42) Toluene	7.381	91	505605	5.002	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	143802	5.135	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	75559	4.958	ug/L	99
47) Tetrachloroethene	7.966	164	83658	4.996	ug/L	96
48) 2-Hexanone	8.133	43	510376	49.425	ug/L	98
49) Dibromochloromethane	8.239	129	85623	5.268	ug/L	100
50) 1,2-Dibromoethane	8.345	107	67822	5.054	ug/L	98
51) Chlorobenzene	8.873	112	310936	4.962	ug/L	100
52) Ethylbenzene	9.005	91	561269	4.999	ug/L	98
53) m,p-Xylene	9.130	106	205177	4.886	ug/L	98
54) o-Xylene	9.535	106	200540	4.927	ug/L	94
55) Styrene	9.551	104	344352	5.001	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	90790	4.848	ug/L	99
59) Bromoform	9.722	173	41083	5.504	ug/L	97
60) Isopropylbenzene	9.921	105	557195	5.150	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	66006	4.984	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	159980	4.915	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	444240	4.991	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	229686	5.032	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	227618	5.088	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	203214	4.963	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	13179	4.793	ug/L	91
69) 1,3,5-Trichlorobenzene	12.635	180	172122	5.155	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	128759	5.063	ug/L	97
71) Naphthalene	13.493	128	173167	4.544	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	104534	4.988	ug/L	100

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

