

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : WV029056.D
 Acq On : 17 Nov 2022 11:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005352

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/18/2022
 Supervised By :Mahesh Dadoda 11/18/2022

Quant Time: Nov 18 01:29:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 07:04:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	283201	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	262401	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	137396	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69644	4.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.568	69	57888	3.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.108	63	130252	4.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.899	46	109627m	37.931	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.860%
24) Chloroform-d	4.339	84	164907	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.027	65	70408	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.043	84	333903	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.063	67	92734	4.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.307	98	324167	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.619	79	34375	4.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.085	63	144981	47.617	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.240%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	70617	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	121858	4.957	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	113145	4.793	ug/L	98
3) Chloromethane	1.240	50	84001	4.287	ug/L	100
5) Vinyl chloride	1.310	62	98522	4.408	ug/L	97
6) Bromomethane	1.523	94	61153	4.578	ug/L	98
8) Chloroethane	1.584	64	59088	4.499	ug/L	95
9) Trichlorofluoromethane	1.751	101	152435	5.059	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	86114	5.047	ug/L	93
12) 1,1-Dichloroethene	2.117	96	86012	5.017	ug/L	86
13) Acetone	2.191	43	67345m	36.224	ug/L	
14) Carbon disulfide	2.291	76	266595	4.379	ug/L	100
15) Methyl Acetate	2.436	43	18191	4.032	ug/L	96
16) Methylene chloride	2.503	84	122858	5.542	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	180959	4.923	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	98494	4.953	ug/L	96
19) 1,1-Dichloroethane	3.182	63	160199	4.928	ug/L	99
21) 2-Butanone	3.979	43	111499m	38.737	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	105234	5.206	ug/L	95
23) Bromochloromethane	4.243	128	44009	5.148	ug/L	94
25) Chloroform	4.368	83	172400	5.059	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	87383	4.979	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	151041	4.905	ug/L	97
30) Cyclohexane	4.670	56	145773	4.658	ug/L	98
31) Carbon tetrachloride	4.821	117	129002	4.865	ug/L	99
33) Benzene	5.091	78	390495	4.870	ug/L	100
34) Trichloroethene	5.908	95	102642	5.000	ug/L	97
35) Methylcyclohexane	6.124	83	174757	4.844	ug/L	98
37) 1,2-Dichloropropane	6.165	63	86425	4.674	ug/L	99
38) Bromodichloromethane	6.503	83	110226	4.707	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	123912	4.800	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	386494	48.581	ug/L	94
42) Toluene	7.381	91	436300	5.037	ug/L	98
44) trans-1,3-Dichloropropene	7.644	75	94659	4.723	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	65189	5.386	ug/L	98
47) Tetrachloroethene	7.969	164	90127	5.483	ug/L	97
48) 2-Hexanone	8.136	43	280947	50.414	ug/L	98
49) Dibromochloromethane	8.239	129	75494	5.159	ug/L	98
50) 1,2-Dibromoethane	8.345	107	60363	5.368	ug/L #	97
51) Chlorobenzene	8.876	112	285043	5.322	ug/L	96
52) Ethylbenzene	9.005	91	465519	5.162	ug/L	99
53) m,p-Xylene	9.130	106	185297	5.166	ug/L	100
54) o-Xylene	9.535	106	178467	5.234	ug/L	96
55) Styrene	9.554	104	297613	5.204	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	71102	5.040	ug/L	97
59) Bromoform	9.725	173	38894	5.193	ug/L	99
60) Isopropylbenzene	9.921	105	462439	5.185	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	47407	5.049	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	390082	5.163	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	387149	5.116	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	221160	5.278	ug/L	97
65) 1,4-Dichlorobenzene	11.265	146	218988	5.198	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	200367	5.322	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	7940	4.298	ug/L #	69
69) 1,3,5-Trichlorobenzene	12.635	180	172876	5.348	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	128734	5.265	ug/L	97
71) Naphthalene	13.493	128	161471	5.118	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	111882	5.402	ug/L	99

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

