

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020624\
 Data File : VW034002.D
 Acq On : 06 Feb 2024 09:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 07 00:44:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 06 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	92812	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	85874	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	42709	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29032	4.039	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.532	69	26262	4.171	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.059	65	14426	4.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.825	46	44707m	37.033	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.060%
24) Chloroform-d	4.249	84	56943	4.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	4.944	65	25369	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	4.960	84	107699	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	5.989	67	29665	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.243	98	99563	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.558	79	10812	3.976	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.027	63	37446	38.573	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.140%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	17391	3.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	32178	4.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	43352	5.097	ug/L	99
3) Chloromethane	1.214	50	45689	4.925	ug/L	98
5) Vinyl chloride	1.285	62	44188	4.984	ug/L	90
6) Bromomethane	1.490	94	21772	4.663	ug/L	96
8) Chloroethane	1.551	64	26517	4.385	ug/L	96
9) Trichlorofluoromethane	1.715	101	66023	5.168	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	34151	5.114	ug/L	98
12) 1,1-Dichloroethene	2.069	96	33021	5.093	ug/L	96
13) Acetone	2.149	43	36239m	39.569	ug/L	
14) Carbon disulfide	2.240	76	97265	4.636	ug/L	99
15) Methyl Acetate	2.391	43	10778m	4.973	ug/L	
16) Methylene chloride	2.449	84	31864	5.122	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	59539	4.469	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	32423	4.910	ug/L	99
19) 1,1-Dichloroethane	3.111	63	60401	4.978	ug/L	96
21) 2-Butanone	3.908	43	52444m	43.332	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	34564	4.613	ug/L	96
23) Bromochloromethane	4.149	128	13376	5.135	ug/L	91
25) Chloroform	4.275	83	60898	4.965	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	34705	4.941	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	68366	5.930	ug/L	98
30) Cyclohexane	4.580	56	54209	4.835	ug/L	99
31) Carbon tetrachloride	4.735	117	52490	5.203	ug/L	99
33) Benzene	5.008	78	128427	4.986	ug/L	100
34) Trichloroethene	5.831	95	35912	4.818	ug/L	96
35) Methylcyclohexane	6.050	83	57462	4.911	ug/L	98
37) 1,2-Dichloropropane	6.095	63	30169	4.835	ug/L	99
38) Bromodichloromethane	6.432	83	40374	4.930	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	45630	4.807	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	133658	44.737	ug/L	99
42) Toluene	7.313	91	139110	5.053	ug/L	95
44) trans-1,3-Dichloropropene	7.583	75	34877	4.785	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	18274	4.743	ug/L	96
47) Tetrachloroethene	7.905	164	28203	4.656	ug/L	96
48) 2-Hexanone	8.079	43	94408	44.829	ug/L	98
49) Dibromochloromethane	8.175	129	22731	4.965	ug/L	100
50) 1,2-Dibromoethane	8.284	107	16676	4.823	ug/L #	91
51) Chlorobenzene	8.815	112	87691	5.038	ug/L	97
52) Ethylbenzene	8.943	91	160490	5.065	ug/L	100
53) m,p-Xylene	9.072	106	60248	5.032	ug/L	100
54) o-Xylene	9.477	106	58633	5.078	ug/L	93
55) Styrene	9.496	104	95313	5.156	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	20174	4.962	ug/L	93
59) Bromoform	9.667	173	11848	5.036	ug/L	99
60) Isopropylbenzene	9.866	105	163738	5.181	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	13748	4.682	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	138248	5.175	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	135268	5.211	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	71611	5.197	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	67079	4.916	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	60481	5.111	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	2842	4.619	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	55321	5.188	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	42010	5.047	ug/L	99
71) Naphthalene	13.442	128	53151	4.873	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	33448	5.015	ug/L	99

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

