

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026320.D
 Acq On : 16 Jun 2022 09:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005319

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/17/2022
 Supervised By :Mahesh Dadoda 06/20/2022

Quant Time: Jun 17 05:09:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:34:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	210579	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	197248	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	97766	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	75670	4.137	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.580	69	62278	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.121	63	140427	4.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.918	46	73863	41.387	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.780%
24) Chloroform-d	4.355	84	130196	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.040	65	49613	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.056	84	250595	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.072	67	72258	4.695	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.317	98	232532	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.625	79	22087	4.426	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.091	63	62301	41.325	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.660%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44006	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	66999	4.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.143	85	83105	5.278	ug/L	99
3) Chloromethane	1.256	50	84337	4.824	ug/L	99
5) Vinyl chloride	1.323	62	91132	5.014	ug/L	99
6) Bromomethane	1.535	94	50092	4.931	ug/L	98
8) Chloroethane	1.597	64	59170	5.244	ug/L	96
9) Trichlorofluoromethane	1.767	101	130062	5.184	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	77666	5.337	ug/L	99
12) 1,1-Dichloroethene	2.130	96	69480	5.222	ug/L	100
13) Acetone	2.201	43	61089m	44.168	ug/L	
14) Carbon disulfide	2.307	76	167836	5.117	ug/L	98
15) Methyl Acetate	2.455	43	12431	3.746	ug/L	95
16) Methylene chloride	2.519	84	68722	4.049	ug/L	99
17) Methyl tert-butyl Ether	2.783	73	106267	4.646	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	67164	5.206	ug/L	95
19) 1,1-Dichloroethane	2.201	63	128987	5.242	ug/L	99
21) 2-Butanone	3.995	43	82342m	46.010	ug/L	
22) cis-1,2-Dichloroethene	3.924	96	67505	5.171	ug/L	98
23) Bromochloromethane	4.259	128	29024	5.240	ug/L	89
25) Chloroform	4.384	83	135248	5.067	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	58598	4.823	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	119552	5.485	ug/L	100
30) Cyclohexane	4.683	56	84082	5.158	ug/L	99
31) Carbon tetrachloride	4.834	117	100747	5.458	ug/L	99
33) Benzene	5.104	78	278976	5.517	ug/L	100
34) Trichloroethene	5.918	95	70981	5.141	ug/L	98
35) Methylcyclohexane	6.133	83	100298	5.252	ug/L	98
37) 1,2-Dichloropropane	6.175	63	68737	5.197	ug/L	98
38) Bromodichloromethane	6.513	83	83532	5.207	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	75412	4.996	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	235432	48.410	ug/L	99
42) Toluene	7.387	91	303495	5.706	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	60406	5.010	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	42835	4.934	ug/L	94
47) Tetrachloroethene	7.976	164	56434	5.519	ug/L	98
48) 2-Hexanone	8.140	43	164998	47.354	ug/L	98
49) Dibromochloromethane	8.246	129	48567	5.052	ug/L	98
50) 1,2-Dibromoethane	8.352	107	36594	4.947	ug/L	99
51) Chlorobenzene	8.879	112	184388	5.309	ug/L	98
52) Ethylbenzene	9.011	91	292048	5.477	ug/L	99
53) m,p-Xylene	9.136	106	117638	5.660	ug/L	94
54) o-Xylene	9.542	106	109818	5.454	ug/L	98
55) Styrene	9.561	104	188642	5.579	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	44601	5.065	ug/L	97
59) Bromoform	9.731	173	21471	5.002	ug/L	97
60) Isopropylbenzene	9.931	105	296041	5.680	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	30897	4.870	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	225283	5.447	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	227058	5.547	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	141766	5.535	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	137291	5.275	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	117903	5.198	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5150	4.583	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	94239	5.089	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	63815	4.673	ug/L	100
71) Naphthalene	13.500	128	77952	4.111	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	50278	4.397	ug/L	99

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

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