

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026387.D
 Acq On : 17 Jun 2022 17:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005323

Quant Time: Jun 18 00:06:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 00:00:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/18/2022
 Supervised By :Mahesh Dadoda 06/20/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	190371	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	182285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	95365	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	57852	3.499	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.584	69	53568	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.127	63	118688	4.180	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	3.918	46	96595	59.869	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.740%
24) Chloroform-d	4.365	84	125134	5.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.047	65	49224	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.063	84	228939	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.079	67	68682	4.829	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.320	98	213112	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.629	79	16658	3.612	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.092	63	72325	51.912	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48186	5.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	69200	4.711	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.147	85	74537	5.237	ug/L	98
3) Chloromethane	1.259	50	77205	4.885	ug/L	96
5) Vinyl chloride	1.327	62	83491	5.081	ug/L	93
6) Bromomethane	1.539	94	40250	4.382	ug/L	98
8) Chloroethane	1.603	64	54745m	5.366	ug/L	
9) Trichlorofluoromethane	1.770	101	119094	5.250	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.134	101	69479	5.282	ug/L	100
12) 1,1-Dichloroethene	2.134	96	64677	5.377	ug/L	97
13) Acetone	2.208	43	64920	51.921	ug/L	90
14) Carbon disulfide	2.311	76	149334	5.036	ug/L	99
15) Methyl Acetate	2.462	43	15320	5.106	ug/L	100
16) Methylene chloride	2.526	84	73912	4.817	ug/L	99
17) Methyl tert-butyl Ether	2.790	73	106495	5.150	ug/L	98
18) trans-1,2-Dichloroethene	2.777	96	61916	5.308	ug/L	97
19) 1,1-Dichloroethane	3.208	63	121528	5.463	ug/L	99
21) 2-Butanone	4.002	43	92661	57.273	ug/L	94
22) cis-1,2-Dichloroethene	3.931	96	64512	5.466	ug/L	98
23) Bromochloromethane	4.269	128	28186	5.628	ug/L	90
25) Chloroform	4.391	83	129787	5.378	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	58881	5.361	ug/L	99
29) 1,1,1-Trichloroethane	4.622	97	112540	5.588	ug/L	99
30) Cyclohexane	4.693	56	77364	5.135	ug/L	99
31) Carbon tetrachloride	4.841	117	91148	5.343	ug/L	99
33) Benzene	5.111	78	263223	5.633	ug/L	100
34) Trichloroethene	5.925	95	65044	5.098	ug/L	98
35) Methylcyclohexane	6.140	83	87308	4.947	ug/L	98
37) 1,2-Dichloropropane	6.182	63	63468	5.192	ug/L #	97
38) Bromodichloromethane	6.516	83	78234	5.277	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	59392	4.257	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	248284	55.243	ug/L	99
42) Toluene	7.391	91	281330	5.723	ug/L	99
44) trans-1,3-Dichloropropene	7.658	75	46419	4.166	ug/L	96
45) 1,1,2-Trichloroethane	7.844	97	42718	5.324	ug/L	94
47) Tetrachloroethene	7.979	164	51353	5.434	ug/L	99
48) 2-Hexanone	8.143	43	179873	55.860	ug/L	99
49) Dibromochloromethane	8.249	129	42920	4.831	ug/L	99
50) 1,2-Dibromoethane	8.355	107	36775	5.379	ug/L	94
51) Chlorobenzene	8.883	112	173366	5.402	ug/L	100
52) Ethylbenzene	9.014	91	271654	5.513	ug/L	100
53) m,p-Xylene	9.140	106	108559	5.652	ug/L	95
54) o-Xylene	9.545	106	102106	5.487	ug/L	95
55) Styrene	9.561	104	179489	5.744	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	49053	6.027	ug/L	93
59) Bromoform	9.735	173	17091	4.082	ug/L	98
60) Isopropylbenzene	9.931	105	274654	5.402	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	31631	5.111	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	205616	5.097	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	209599	5.249	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	133103	5.328	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	132048	5.201	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	117450	5.308	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5612	5.120	ug/L	94
69) 1,3,5-Trichlorobenzene	12.645	180	91807	5.083	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	62651	4.703	ug/L	99
71) Naphthalene	13.500	128	81339	4.397	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	53616	4.807	ug/L	97

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

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