

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026502.D
 Acq On : 21 Jun 2022 20:36
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005332

Quant Time: Jun 22 04:46:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 04:36:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/22/2022
 Supervised By :Mahesh Dadoda 06/22/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	294679	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	262205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	133971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.326	65	77341	3.022	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.400%
7) Chloroethane-d5	1.587	69	69077	3.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.130	63	151717	3.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.928	46	127136	50.906	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.820%
24) Chloroform-d	4.371	84	174721	4.657	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.050	65	66915	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.066	84	349598	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.079	67	98808	4.830	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.320	98	328855	5.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	7.632	79	15600	2.351	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	47.000%#
46) 2-Hexanone-d5	8.095	63	106876	53.330	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	65425	5.191	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	105670	5.121	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.150	85	89867	4.079	ug/L	100
3) Chloromethane	1.259	50	77214	3.156	ug/L	99
5) Vinyl chloride	1.330	62	92589	3.640	ug/L	99
6) Bromomethane	1.542	94	49358	3.472	ug/L	96
8) Chloroethane	1.606	64	64568m	4.089	ug/L	
9) Trichlorofluoromethane	1.773	101	139444	3.971	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.137	101	84074	4.129	ug/L	98
12) 1,1-Dichloroethene	2.140	96	75173	4.038	ug/L	90
13) Acetone	2.217	43	70186	36.263	ug/L	82
14) Carbon disulfide	2.314	76	178196	3.882	ug/L	99
15) Methyl Acetate	2.468	43	19912	4.288	ug/L	96
16) Methylene chloride	2.529	84	90227	3.799	ug/L	96
17) Methyl tert-butyl Ether	2.793	73	165873	5.182	ug/L	98
18) trans-1,2-Dichloroethene	2.783	96	84860	4.700	ug/L	96
19) 1,1-Dichloroethane	3.214	63	162610	4.722	ug/L	99
21) 2-Butanone	4.011	43	114600	45.760	ug/L	92
22) cis-1,2-Dichloroethene	3.934	96	95116	5.207	ug/L	98
23) Bromochloromethane	4.272	128	37666	4.859	ug/L	90
25) Chloroform	4.397	83	172437	4.616	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.149	62	77364	4.550	ug/L	99
29) 1,1,1-Trichloroethane	4.625	97	153048	5.283	ug/L	97
30) Cyclohexane	4.693	56	109524	5.054	ug/L	97
31) Carbon tetrachloride	4.844	117	112439	4.582	ug/L	100
33) Benzene	5.114	78	357232	5.314	ug/L	100
34) Trichloroethene	5.924	95	93801	5.111	ug/L	98
35) Methylcyclohexane	6.140	83	124141	4.890	ug/L	97
37) 1,2-Dichloropropane	6.185	63	88182	5.015	ug/L #	97
38) Bromodichloromethane	6.519	83	101735	4.770	ug/L	97
39) cis-1,3-Dichloropropene	7.037	75	58500	2.915	ug/L	96
40) 4-Methyl-2-pentanone	7.233	43	333234	51.545	ug/L	94
42) Toluene	7.394	91	391289	5.534	ug/L	97
44) trans-1,3-Dichloropropene	7.661	75	40132	2.504	ug/L	96
45) 1,1,2-Trichloroethane	7.844	97	58659	5.083	ug/L	97
47) Tetrachloroethene	7.979	164	71550	5.263	ug/L	99
48) 2-Hexanone	8.143	43	233372	50.384	ug/L	96
49) Dibromochloromethane	8.249	129	53454	4.183	ug/L	96
50) 1,2-Dibromoethane	8.358	107	50358	5.121	ug/L	100
51) Chlorobenzene	8.882	112	253461	5.490	ug/L	99
52) Ethylbenzene	9.014	91	407011	5.742	ug/L	99
53) m,p-Xylene	9.140	106	156706	5.672	ug/L	99
54) o-Xylene	9.545	106	154785	5.783	ug/L	97
55) Styrene	9.561	104	256884	5.715	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	65155	5.566	ug/L	97
59) Bromoform	9.734	173	17904	3.044	ug/L	97
60) Isopropylbenzene	9.931	105	418854	5.865	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	42515	4.890	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	329757	5.819	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	335701	5.984	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	195774	5.578	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	194122	5.443	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	169906	5.466	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7432	4.826	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	152930	6.027	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	124784	6.668	ug/L	99
71) Naphthalene	13.500	128	198775	7.650	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	98164	6.265	ug/L	99

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

Manual Integrations

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