

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028879.D
 Acq On : 11 Nov 2022 15:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 11 22:21:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:15:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	315156	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	272250	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	147760	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	95260	4.958	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.565	69	83960	4.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.105	63	172470	4.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	3.899	46	154591	48.066	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.140%
24) Chloroform-d	4.343	84	200121	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.031	65	88995	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.047	84	432245	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	6.066	67	119508	5.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.310	98	403376	5.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
43) trans-1,3-Dichloroprop...	7.619	79	40339	5.451	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.000%
46) 2-Hexanone-d5	8.085	63	173452	54.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.820%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	82095	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	136951	5.181	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	132667	5.050	ug/L	97
3) Chloromethane	1.237	50	105945	4.859	ug/L	99
5) Vinyl chloride	1.307	62	123718	4.974	ug/L	99
6) Bromomethane	1.520	94	75674	5.091	ug/L	94
8) Chloroethane	1.584	64	70054	4.793	ug/L	99
9) Trichlorofluoromethane	1.751	101	168382	5.021	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	94575	4.981	ug/L	97
12) 1,1-Dichloroethene	2.114	96	95070	4.983	ug/L	95
13) Acetone	2.192	43	103529m	50.040	ug/L	
14) Carbon disulfide	2.291	76	339244	5.007	ug/L	98
15) Methyl Acetate	2.439	43	29982	5.971	ug/L #	85
16) Methylene chloride	2.503	84	163589	6.631	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	215184	5.261	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	113263	5.119	ug/L	96
19) 1,1-Dichloroethane	3.185	63	185598	5.131	ug/L	99
21) 2-Butanone	3.982	43	166892m	52.103	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	117343	5.216	ug/L	100
23) Bromochloromethane	4.243	128	48370	5.084	ug/L	93
25) Chloroform	4.372	83	194275	5.123	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	102911	5.269	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	168100	5.262	ug/L	98
30) Cyclohexane	4.671	56	177264	5.459	ug/L	98
31) Carbon tetrachloride	4.822	117	144030	5.235	ug/L	100
33) Benzene	5.095	78	446962	5.372	ug/L	100
34) Trichloroethene	5.912	95	113889	5.347	ug/L	98
35) Methylcyclohexane	6.127	83	201413	5.381	ug/L	99
37) 1,2-Dichloropropane	6.169	63	98248	5.121	ug/L	99
38) Bromodichloromethane	6.506	83	127812	5.261	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	145489	5.432	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	467376	56.623	ug/L	99
42) Toluene	7.381	91	487077	5.419	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	114520	5.508	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	71278	5.676	ug/L	96
47) Tetrachloroethene	7.969	164	90688	5.318	ug/L	98
48) 2-Hexanone	8.137	43	320478	55.427	ug/L	99
49) Dibromochloromethane	8.240	129	80408	5.296	ug/L	98
50) 1,2-Dibromoethane	8.349	107	62918	5.393	ug/L	97
51) Chlorobenzene	8.876	112	292782	5.269	ug/L	100
52) Ethylbenzene	9.005	91	495459	5.295	ug/L	99
53) m,p-Xylene	9.130	106	193434	5.198	ug/L	98
54) o-Xylene	9.535	106	189886	5.368	ug/L	98
55) Styrene	9.555	104	323240	5.448	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	77500	5.294	ug/L	98
59) Bromoform	9.725	173	42748	5.307	ug/L	99
60) Isopropylbenzene	9.924	105	508691	5.304	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	53744	5.322	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	430832	5.303	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	436544	5.364	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	240238	5.331	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	238028	5.254	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	212394	5.246	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	10781	5.426	ug/L	88
69) 1,3,5-Trichlorobenzene	12.635	180	185002	5.321	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	148138	5.633	ug/L	98
71) Naphthalene	13.493	128	205455	6.055	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	126022	5.658	ug/L	99

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

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