

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VV029106.D
 Acq On : 18 Nov 2022 10:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005355

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/20/2022
 Supervised By :Mahesh Dadoda 11/20/2022

Quant Time: Nov 18 23:32:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	328753	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	301620	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	158595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	123547	6.164	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	123.200%	
7) Chloroethane-d5	1.568	69	92671	5.260	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.200%	
11) 1,1-Dichloroethene-d2	2.108	63	200475	5.489	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	109.800%	
20) 2-Butanone-d5	3.899	46	112074	33.405	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	66.800%	
24) Chloroform-d	4.339	84	197580	4.802	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.027	65	86348	4.664	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
32) Benzene-d6	5.043	84	430369	4.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	6.063	67	118381	4.709	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.310	98	402984	4.972	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
43) trans-1,3-Dichloroprop...	7.619	79	38430	4.687	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5	8.085	63	168183	48.055	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.100%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	86794	4.980	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	11.615	152	137502	4.846	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	127345	4.647	ug/L	97
3) Chloromethane	1.240	50	111196	4.889	ug/L	99
5) Vinyl chloride	1.310	62	123120	4.746	ug/L	96
6) Bromomethane	1.523	94	67917	4.380	ug/L	93
8) Chloroethane	1.584	64	75764	4.970	ug/L	92
9) Trichlorofluoromethane	1.754	101	172461	4.930	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	102342	5.167	ug/L	99
12) 1,1-Dichloroethene	2.117	96	98857	4.967	ug/L	92
13) Acetone	2.185	43	72279m	33.491	ug/L	
14) Carbon disulfide	2.294	76	302070	4.274	ug/L	100
15) Methyl Acetate	2.439	43	23221	4.433	ug/L	89
16) Methylene chloride	2.503	84	113253	4.401	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	200718	4.704	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	109130	4.728	ug/L	99
19) 1,1-Dichloroethane	3.185	63	190205	5.041	ug/L	98
21) 2-Butanone	3.982	43	122198	36.572	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	114966	4.899	ug/L	98
23) Bromochloromethane	4.243	128	47386	4.775	ug/L #	89
25) Chloroform	4.368	83	194853	4.926	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	101906	5.002	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	165425	4.674	ug/L	99
30) Cyclohexane	4.670	56	172919	4.807	ug/L	98
31) Carbon tetrachloride	4.821	117	140063	4.595	ug/L	99
33) Benzene	5.095	78	444588	4.824	ug/L	100
34) Trichloroethene	5.908	95	113068	4.792	ug/L	98
35) Methylcyclohexane	6.124	83	191916	4.628	ug/L	96
37) 1,2-Dichloropropane	6.169	63	102007	4.799	ug/L	99
38) Bromodichloromethane	6.503	83	126565	4.702	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	132620	4.469	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	508032	55.555	ug/L #	88
42) Toluene	7.381	91	487156	4.892	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	105417	4.576	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	73215	5.262	ug/L	98
47) Tetrachloroethene	7.969	164	93229	4.934	ug/L	98
48) 2-Hexanone	8.136	43	355790	55.542	ug/L	98
49) Dibromochloromethane	8.239	129	79734	4.740	ug/L	99
50) 1,2-Dibromoethane	8.345	107	67237	5.202	ug/L	99
51) Chlorobenzene	8.873	112	307601	4.996	ug/L	99
52) Ethylbenzene	9.005	91	519867	5.015	ug/L	98
53) m,p-Xylene	9.130	106	203605	4.938	ug/L	97
54) o-Xylene	9.535	106	199068	5.079	ug/L	99
55) Styrene	9.554	104	336368	5.117	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	86071	5.307	ug/L	96
59) Bromoform	9.725	173	39857	4.610	ug/L	99
60) Isopropylbenzene	9.924	105	533253	5.180	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	59133	5.456	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	444608	5.098	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	440722	5.045	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	245596	5.078	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	244985	5.038	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	224892	5.175	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	9096	4.266	ug/L	85
69) 1,3,5-Trichlorobenzene	12.635	180	186828	5.007	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	136146	4.824	ug/L	99
71) Naphthalene	13.493	128	152387	4.184	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	113435	4.745	ug/L	99

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

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