

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029160.D
 Acq On : 19 Nov 2022 10:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005358

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 20 00:40:25 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	5.609	114	343574	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	320412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	157933	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	128055	6.114	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	122.200%	
7) Chloroethane-d5	1.568	69	97173	5.277	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.600%	
11) 1,1-Dichloroethene-d2	2.108	63	208154	5.453	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	109.000%	
20) 2-Butanone-d5	3.896	46	141709m	40.416	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	80.840%	
24) Chloroform-d	4.339	84	204478	4.755	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.027	65	88093	4.553	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
32) Benzene-d6	5.044	84	437309	4.573	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.063	67	122362	4.582	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.307	98	410565	4.769	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
43) trans-1,3-Dichloroprop...	7.616	79	39492	4.534	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.085	63	172679	46.445	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.900%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	84013	4.537	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	11.616	152	135250	4.787	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	130617	4.561	ug/L	97
3) Chloromethane	1.240	50	116295	4.892	ug/L	97
5) Vinyl chloride	1.311	62	130499	4.813	ug/L	99
6) Bromomethane	1.523	94	68567	4.231	ug/L	96
8) Chloroethane	1.584	64	80845	5.074	ug/L	99
9) Trichlorofluoromethane	1.751	101	178402	4.880	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	103171	4.984	ug/L	99
12) 1,1-Dichloroethene	2.118	96	103851	4.993	ug/L	93
13) Acetone	2.182	43	82222m	36.454	ug/L	
14) Carbon disulfide	2.291	76	298210	4.038	ug/L	100
15) Methyl Acetate	2.436	43	24100	4.403	ug/L	93
16) Methylene chloride	2.503	84	128541	4.780	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	211341	4.740	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	112628	4.669	ug/L	98
19) 1,1-Dichloroethane	3.185	63	191968	4.868	ug/L	98
21) 2-Butanone	3.979	43	149503m	42.814	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	116282	4.742	ug/L	97
23) Bromochloromethane	4.243	128	49847	4.806	ug/L	93
25) Chloroform	4.365	83	202637	4.902	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	103779	4.874	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	171230	4.554	ug/L	98
30) Cyclohexane	4.671	56	175864	4.602	ug/L	97
31) Carbon tetrachloride	4.822	117	141523	4.371	ug/L	100
33) Benzene	5.092	78	453246	4.629	ug/L	100
34) Trichloroethene	5.908	95	114663	4.574	ug/L	98
35) Methylcyclohexane	6.124	83	191008	4.336	ug/L	98
37) 1,2-Dichloropropane	6.166	63	106386	4.712	ug/L	100
38) Bromodichloromethane	6.503	83	126032	4.408	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	137105	4.350	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	511419	52.645	ug/L	92
42) Toluene	7.381	91	492278	4.654	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	102649	4.195	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	76415	5.170	ug/L	99
47) Tetrachloroethene	7.969	164	95225	4.744	ug/L	95
48) 2-Hexanone	8.137	43	359524	52.834	ug/L	98
49) Dibromochloromethane	8.240	129	81164	4.542	ug/L	100
50) 1,2-Dibromoethane	8.346	107	69706	5.076	ug/L #	98
51) Chlorobenzene	8.873	112	316379	4.837	ug/L	99
52) Ethylbenzene	9.005	91	524095	4.759	ug/L	100
53) m,p-Xylene	9.130	106	207475	4.737	ug/L	99
54) o-Xylene	9.535	106	204760	4.918	ug/L	99
55) Styrene	9.555	104	345563	4.948	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	84154	4.885	ug/L	99
59) Bromoform	9.725	173	40404	4.693	ug/L	97
60) Isopropylbenzene	9.924	105	515965	5.033	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	57940	5.368	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	425541	4.900	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	427923	4.919	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	238210	4.946	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	238934	4.934	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	216354	4.999	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	9481	4.465	ug/L	90
69) 1,3,5-Trichlorobenzene	12.635	180	176270	4.744	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	132832	4.726	ug/L	98
71) Naphthalene	13.493	128	160272	4.419	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	115348	4.845	ug/L	99

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

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