

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040522\
 Data File : VW025348.D
 Acq On : 05 Apr 2022 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005366

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

Quant Time: Apr 06 01:22:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 05 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	173916	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	168131	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84744	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63736	3.923	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.568	69	58084	4.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.108	63	145586	4.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.902	46	74531m	46.058	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.120%
24) Chloroform-d	4.346	84	94433	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.031	65	39970	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.043	84	173925	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.066	67	48778	4.092	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.310	98	159520	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.619	79	16408	4.219	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.088	63	59852	42.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35022	4.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	56478	4.150	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	80850	4.654	ug/L	98
3) Chloromethane	1.240	50	97115	4.740	ug/L	98
5) Vinyl chloride	1.310	62	106640	4.660	ug/L	98
6) Bromomethane	1.523	94	67402	4.962	ug/L	99
8) Chloroethane	1.584	64	68828	4.793	ug/L	98
9) Trichlorofluoromethane	1.751	101	152076	4.916	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	89012	4.844	ug/L	99
12) 1,1-Dichloroethene	2.117	96	86114	4.918	ug/L	94
13) Acetone	2.195	43	59238m	47.973	ug/L	
14) Carbon disulfide	2.291	76	177020	4.880	ug/L	100
15) Methyl Acetate	2.439	43	9987	3.553	ug/L #	82
16) Methylene chloride	2.503	84	63329	4.606	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	110627	4.994	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	61616	4.903	ug/L	99
19) 1,1-Dichloroethane	3.185	63	103814	4.948	ug/L	99
21) 2-Butanone	3.982	43	88449m	52.056	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	62971	4.932	ug/L	94
23) Bromochloromethane	4.246	128	27554	5.174	ug/L	93
25) Chloroform	4.371	83	115620	4.967	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	58075	4.831	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	100894	4.963	ug/L	99
30) Cyclohexane	4.670	56	81395	4.477	ug/L	100
31) Carbon tetrachloride	4.822	117	86222	4.900	ug/L	99
33) Benzene	5.095	78	245601	4.980	ug/L	100
34) Trichloroethene	5.912	95	65163	4.812	ug/L	97
35) Methylcyclohexane	6.127	83	96159	4.532	ug/L	99
37) 1,2-Dichloropropane	6.169	63	56114	4.905	ug/L	100
38) Bromodichloromethane	6.506	83	75445	5.206	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	70980	4.785	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	227983	49.913	ug/L	100
42) Toluene	7.384	91	267178	5.075	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	56768	4.868	ug/L	94
45) 1,1,2-Trichloroethane	7.837	97	40676	5.193	ug/L	97
47) Tetrachloroethene	7.973	164	51353	5.143	ug/L	96
48) 2-Hexanone	8.136	43	161989	49.586	ug/L	97
49) Dibromochloromethane	8.243	129	44728	5.306	ug/L	98
50) 1,2-Dibromoethane	8.349	107	35647	4.885	ug/L #	96
51) Chlorobenzene	8.879	112	170411	5.012	ug/L	99
52) Ethylbenzene	9.008	91	278677	4.991	ug/L	98
53) m,p-Xylene	9.136	106	110897	5.106	ug/L	98
54) o-Xylene	9.542	106	105593	5.086	ug/L	97
55) Styrene	9.558	104	183472	5.374	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	39954	4.893	ug/L	98
59) Bromoform	9.728	173	20978	6.056	ug/L	98
60) Isopropylbenzene	9.927	105	279322	4.970	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	30483	4.754	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	119138	4.727	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	225395	5.013	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	134528	5.111	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	130404	4.947	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	117806	5.086	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5477	4.771	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	96988	5.108	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	72237	5.042	ug/L	98
71) Naphthalene	13.500	128	110870	4.966	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	64052	5.189	ug/L	98

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

