

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032922\
 Data File : VW025288.D
 Acq On : 29 Mar 2022 10:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005356

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 30 01:58:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 29 04:58:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	176932	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	169599	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	53951	3.264	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.568	69	49833	3.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.111	63	135546	3.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.908	46	79655	48.385	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.760%
24) Chloroform-d	4.346	84	98085	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.034	65	41844	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.047	84	178863	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.066	67	51848	4.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.313	98	166955	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.622	79	18212	4.643	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.088	63	72834	51.408	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38875	4.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	61601	4.373	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	92944	5.259	ug/L	100
3) Chloromethane	1.243	50	99785	4.787	ug/L	99
5) Vinyl chloride	1.314	62	112168	4.818	ug/L	98
6) Bromomethane	1.523	94	70878	5.129	ug/L	99
8) Chloroethane	1.587	64	71045	4.863	ug/L	97
9) Trichlorofluoromethane	1.754	101	160025	5.085	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	92677	4.958	ug/L	99
12) 1,1-Dichloroethene	2.121	96	90243	5.066	ug/L	90
13) Acetone	2.207	43	67124m	53.433	ug/L	
14) Carbon disulfide	2.294	76	202391	5.484	ug/L	99
15) Methyl Acetate	2.445	43	16159	5.650	ug/L	100
16) Methylene chloride	2.506	84	67152	4.801	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	118693	5.267	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	69280	5.419	ug/L	99
19) 1,1-Dichloroethane	3.188	63	111966	5.246	ug/L	97
21) 2-Butanone	3.992	43	87908	50.856	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	68907	5.305	ug/L	94
23) Bromochloromethane	4.246	128	29322	5.412	ug/L	98
25) Chloroform	4.371	83	121207	5.118	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	64147	5.245	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	108945	5.313	ug/L	99
30) Cyclohexane	4.674	56	93921	5.121	ug/L	95
31) Carbon tetrachloride	4.825	117	95255	5.366	ug/L	100
33) Benzene	5.095	78	268628	5.400	ug/L	100
34) Trichloroethene	5.912	95	73350	5.370	ug/L	97
35) Methylcyclohexane	6.127	83	113307	5.294	ug/L	99
37) 1,2-Dichloropropane	6.169	63	58874	5.102	ug/L	100
38) Bromodichloromethane	6.506	83	78725	5.385	ug/L	96
39) cis-1,3-Dichloropropene	7.024	75	79264	5.297	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	250184	54.300	ug/L	99
42) Toluene	7.384	91	299448	5.639	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	64875	5.515	ug/L	92
45) 1,1,2-Trichloroethane	7.837	97	44059	5.576	ug/L	97
47) Tetrachloroethene	7.973	164	57089	5.668	ug/L	97
48) 2-Hexanone	8.140	43	177955	54.002	ug/L	98
49) Dibromochloromethane	8.243	129	47995	5.645	ug/L	99
50) 1,2-Dibromoethane	8.349	107	40093	5.447	ug/L	99
51) Chlorobenzene	8.879	112	191914	5.596	ug/L	100
52) Ethylbenzene	9.008	91	313507	5.566	ug/L	98
53) m,p-Xylene	9.136	106	125348	5.722	ug/L	100
54) o-Xylene	9.542	106	120852	5.771	ug/L	99
55) Styrene	9.558	104	201531	5.852	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	44041	5.347	ug/L	96
59) Bromoform	9.728	173	21322	5.948	ug/L	99
60) Isopropylbenzene	9.927	105	321746	5.532	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34105	5.140	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	137835	5.285	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	259552	5.578	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	150985	5.543	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	152210	5.580	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	133689	5.577	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6076	5.114	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	113520	5.777	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	91023	6.139	ug/L	99
71) Naphthalene	13.500	128	151903	6.574	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	81525	6.382	ug/L	99

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

