

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052022\
 Data File : VW025939.D
 Acq On : 20 May 2022 10:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005293

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

Quant Time: May 20 21:43:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 18 05:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	205376	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	210573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	118236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	58959	3.476	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.571	69	57598	3.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.111	63	140365	3.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.892	46	75493	38.432	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.860%
24) Chloroform-d	4.349	84	125273	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.034	65	50113	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.050	84	236735	4.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.069	67	71430	4.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.313	98	222682	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.622	79	21090	4.057	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.088	63	84770	43.915	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48891	4.774	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	72998	4.336	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	99175	4.478	ug/L	100
3) Chloromethane	1.243	50	102322	3.955	ug/L	98
5) Vinyl chloride	1.314	62	112755	4.144	ug/L	99
6) Bromomethane	1.526	94	55811	3.523	ug/L	100
8) Chloroethane	1.587	64	73654	4.173	ug/L	98
9) Trichlorofluoromethane	1.757	101	161163	4.438	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	91748	4.508	ug/L	99
12) 1,1-Dichloroethene	2.121	96	85481	4.331	ug/L	99
13) Acetone	2.179	43	76269m	40.273	ug/L	
14) Carbon disulfide	2.298	76	205023	4.032	ug/L	99
15) Methyl Acetate	2.439	43	17491	4.054	ug/L	93
16) Methylene chloride	2.510	84	80915	4.038	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	137179	4.356	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	79925	4.643	ug/L	99
19) 1,1-Dichloroethane	3.191	63	149077	4.575	ug/L	99
21) 2-Butanone	3.976	43	90558	33.298	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	79329	4.511	ug/L	94
23) Bromochloromethane	4.249	128	33502	4.504	ug/L	94
25) Chloroform	4.375	83	153702	4.653	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	76133	4.373	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	134675	4.690	ug/L	98
30) Cyclohexane	4.677	56	114839	4.491	ug/L	98
31) Carbon tetrachloride	4.825	117	111524	4.589	ug/L	99
33) Benzene	5.098	78	331210	4.644	ug/L	100
34) Trichloroethene	5.912	95	82479	4.529	ug/L	99
35) Methylcyclohexane	6.130	83	125958	4.504	ug/L	98
37) 1,2-Dichloropropane	6.172	63	80457	4.783	ug/L	100
38) Bromodichloromethane	6.510	83	97529	4.613	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	91400	4.209	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	337825	43.415	ug/L	98
42) Toluene	7.384	91	357227	4.812	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	74619	4.213	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	50823	4.401	ug/L	94
47) Tetrachloroethene	7.973	164	63762	4.518	ug/L	98
48) 2-Hexanone	8.137	43	243314	44.232	ug/L	99
49) Dibromochloromethane	8.243	129	54274	4.301	ug/L	100
50) 1,2-Dibromoethane	8.352	107	46250	4.505	ug/L	96
51) Chlorobenzene	8.879	112	223721	4.646	ug/L	99
52) Ethylbenzene	9.011	91	364809	4.672	ug/L	99
53) m,p-Xylene	9.137	106	144340	4.786	ug/L	98
54) o-Xylene	9.542	106	135943	4.734	ug/L	96
55) Styrene	9.558	104	236878	4.909	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	57040	4.572	ug/L #	98
59) Bromoform	9.731	173	23238	3.789	ug/L	99
60) Isopropylbenzene	9.931	105	366118	4.633	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	40832	4.148	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	150694	4.465	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	284612	4.600	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	174041	4.655	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	174510	4.585	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	152221	4.531	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7411	3.887	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	125718	4.514	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	91950	4.352	ug/L	100
71) Naphthalene	13.500	128	125049	3.953	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	76712	4.203	ug/L	96

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

