

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070122\
 Data File : VW026617.D
 Acq On : 01 Jul 2022 09:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/05/2022
 Supervised By :Mahesh Dadoda 07/05/2022

Quant Time: Jul 04 01:53:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 28 01:50:05 2022
 Response via : Initial Calibration

Supervised By :Mahesh
 Dadoda
 07/05/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	205813	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	196327	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	99898	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.317	65	69203	4.181	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.577	69	61990	4.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.117	63	132717	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.915	46	83687m	50.856	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.720%
24) Chloroform-d	4.355	84	138085	5.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.037	65	54950	5.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.053	84	254795	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.069	67	75510	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.313	98	233131	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.622	79	22853	5.701	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.000%
46) 2-Hexanone-d5	8.088	63	82406	53.975	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.940%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	56443	5.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	75780	4.584	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.143	85	80277	5.122	ug/L	99
3) Chloromethane	1.252	50	83093	4.848	ug/L	98
5) Vinyl chloride	1.320	62	90868	4.979	ug/L	94
6) Bromomethane	1.532	94	50006	5.062	ug/L	98
8) Chloroethane	1.596	64	59180	4.768	ug/L	97
9) Trichlorofluoromethane	1.764	101	133557	5.248	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	81373	5.396	ug/L	99
12) 1,1-Dichloroethene	2.127	96	71407	5.137	ug/L	95
13) Acetone	2.204	43	52112m	49.918	ug/L	
14) Carbon disulfide	2.301	76	185096	5.047	ug/L	97
15) Methyl Acetate	2.455	43	15160m	5.036	ug/L	
16) Methylene chloride	2.516	84	73395	4.974	ug/L	97
17) Methyl tert-butyl Ether	2.783	73	115191	5.084	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	71032	5.009	ug/L	94
19) 1,1-Dichloroethane	3.198	63	130685	5.132	ug/L	100
21) 2-Butanone	3.998	43	82954	52.821	ug/L	85
22) cis-1,2-Dichloroethene	3.918	96	70289	4.991	ug/L	96
23) Bromochloromethane	4.256	128	33090	5.705	ug/L	88
25) Chloroform	4.381	83	142830	5.243	ug/L	97

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 Dadoda
 Date:06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	63104	5.204	ug/L	97
29) 1,1,1-Trichloroethane	4.612	97	124044	5.135	ug/L	99
30) Cyclohexane	4.680	56	84125	4.398	ug/L	97
31) Carbon tetrachloride	4.828	117	106174	5.239	ug/L	100
33) Benzene	5.101	78	288225	5.028	ug/L	100
34) Trichloroethene	5.918	95	71707	4.758	ug/L	99
35) Methylcyclohexane	6.130	83	103318	4.634	ug/L	99
37) 1,2-Dichloropropane	6.175	63	69108	5.002	ug/L	99
38) Bromodichloromethane	6.509	83	88818	5.446	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	76622	5.518	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	257223	55.117	ug/L	100
42) Toluene	7.387	91	313560	5.299	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	62648	6.065	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	48711	5.591	ug/L	98
47) Tetrachloroethene	7.972	164	60661	5.056	ug/L	98
48) 2-Hexanone	8.140	43	186283	57.342	ug/L	97
49) Dibromochloromethane	8.242	129	54487	6.176	ug/L	97
50) 1,2-Dibromoethane	8.352	107	42476	5.483	ug/L #	94
51) Chlorobenzene	8.879	112	195293	5.038	ug/L	98
52) Ethylbenzene	9.011	91	293689	4.799	ug/L	99
53) m,p-Xylene	9.136	106	119859	5.020	ug/L	99
54) o-Xylene	9.541	106	111547	4.977	ug/L	99
55) Styrene	9.558	104	194315	5.235	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	54199	5.571	ug/L	99
59) Bromoform	9.731	173	23539	6.394	ug/L	96
60) Isopropylbenzene	9.931	105	299192	4.856	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	35493	5.487	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	222663	4.572	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	225425	4.694	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	154217	5.146	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	149712	5.031	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	130034	5.100	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	6095	5.254	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	105689	4.905	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	72825	4.786	ug/L	100
71) Naphthalene	13.500	128	89666	4.517	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	61900	4.971	ug/L	98

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

