

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083022\
 Data File : VW027578.D
 Acq On : 30 Aug 2022 11:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005391

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/31/2022
 Supervised By :Mahesh Dadoda 08/31/2022

Quant Time: Aug 31 04:40:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	166904	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165639	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86408	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	51758	4.357	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.564	69	43523	5.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.105	63	105026	3.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.889	46	83103	56.216	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.440%
24) Chloroform-d	4.342	84	112152	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.030	65	51745	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.047	84	203935	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.066	67	62795	4.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.313	98	184632	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.622	79	21032	4.605	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.088	63	82466	54.853	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43681	5.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	57500	4.489	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	73417	4.145	ug/L	99
3) Chloromethane	1.240	50	70727	4.573	ug/L	100
5) Vinyl chloride	1.310	62	72688	4.669	ug/L	98
6) Bromomethane	1.519	94	32680	4.245	ug/L	98
8) Chloroethane	1.584	64	48482	5.329	ug/L	97
9) Trichlorofluoromethane	1.751	101	106673	4.313	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	63268	4.531	ug/L	96
12) 1,1-Dichloroethene	2.114	96	53279	4.219	ug/L	97
13) Acetone	2.175	43	63140m	44.724	ug/L	
14) Carbon disulfide	2.288	76	126866	3.660	ug/L	99
15) Methyl Acetate	2.433	43	24444	6.252	ug/L	92
16) Methylene chloride	2.503	84	117721	6.183	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	129857	4.970	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	59631	4.583	ug/L	97
19) 1,1-Dichloroethane	3.185	63	136490	5.068	ug/L	99
21) 2-Butanone	3.976	43	93536	49.785	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	65458	4.721	ug/L	94
23) Bromochloromethane	4.243	128	29223	4.780	ug/L	94
25) Chloroform	4.371	83	143381	4.896	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	73621	4.947	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	119637	4.706	ug/L	100
30) Cyclohexane	4.674	56	84079	4.308	ug/L	95
31) Carbon tetrachloride	4.821	117	101020	4.569	ug/L	99
33) Benzene	5.095	78	268680	4.879	ug/L	100
34) Trichloroethene	5.911	95	67623	4.666	ug/L	98
35) Methylcyclohexane	6.127	83	85511	4.195	ug/L	99
37) 1,2-Dichloropropane	6.169	63	70148	4.778	ug/L	100
38) Bromodichloromethane	6.506	83	93212	5.007	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	84005	4.745	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	351432	53.571	ug/L	100
42) Toluene	7.384	91	286262	5.036	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	73009	4.878	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	47719	5.084	ug/L	98
47) Tetrachloroethene	7.972	164	50975	4.515	ug/L	98
48) 2-Hexanone	8.140	43	256376	54.237	ug/L	98
49) Dibromochloromethane	8.243	129	56106	4.860	ug/L	100
50) 1,2-Dibromoethane	8.349	107	41508	5.066	ug/L #	99
51) Chlorobenzene	8.879	112	178594	4.854	ug/L	99
52) Ethylbenzene	9.011	91	277883	4.789	ug/L	99
53) m,p-Xylene	9.136	106	107212	4.828	ug/L	99
54) o-Xylene	9.542	106	103392	4.801	ug/L	100
55) Styrene	9.558	104	187056	5.105	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	55629	5.261	ug/L	97
59) Bromoform	9.731	173	27981	4.832	ug/L	98
60) Isopropylbenzene	9.931	105	284199	4.999	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	37811	4.988	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	72423	4.594	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	209452	4.716	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	140435	5.013	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	139042	4.979	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	129578	5.102	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7584	4.503	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	102076	4.882	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	71785	4.724	ug/L	100
71) Naphthalene	13.500	128	89684	4.276	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	64517	4.781	ug/L	100

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

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