

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051322\
 Data File : VW025897.D
 Acq On : 13 May 2022 18:53
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV248

Quant Time: May 14 07:24:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 14 07:17:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

05/18/2022
 Supervised By :Mahesh
 Dadoda

05/19/2022

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

Internal Standards					
1) 1,4-Difluorobenzene	5.619	114	154228	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.850	117	157860	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85703	5.000 ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	66857	5.249 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 105.000%
7) Chloroethane-d5	1.568	69	55939	5.129 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 102.600%
11) 1,1-Dichloroethene-d2	2.111	63	143102	5.076 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 101.600%
20) 2-Butanone-d5	3.905	46	61985	42.020 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 84.040%
24) Chloroform-d	4.352	84	108863	5.232 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 104.600%
26) 1,2-Dichloroethane-d4	5.037	65	45028	5.103 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 102.000%
32) Benzene-d6	5.053	84	218476	5.330 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.600%
36) 1,2-Dichloropropane-d6	6.069	67	63164	5.300 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.000%
41) Toluene-d8	7.317	98	208756	5.478 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 109.600%
43) trans-1,3-Dichloroprop...	7.625	79	21042	5.399 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 108.000%
46) 2-Hexanone-d5	8.092	63	70028	48.392 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 96.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38501	5.015 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 100.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	61837	5.068 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 101.400%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.130	85	82193	4.942 ug/L	99
3) Chloromethane	1.243	50	97204	5.003 ug/L	98
5) Vinyl chloride	1.314	62	101987	4.991 ug/L	99
6) Bromomethane	1.523	94	56663	4.763 ug/L	99
8) Chloroethane	1.587	64	66351	5.005 ug/L	98
9) Trichlorofluoromethane	1.754	101	135152	4.956 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	74112	4.849 ug/L	99
12) 1,1-Dichloroethene	2.121	96	73304	4.946 ug/L	96
13) Acetone	2.188	43	62431m	43.899 ug/L	
14) Carbon disulfide	2.294	76	188834	4.945 ug/L	99
15) Methyl Acetate	2.442	43	12604	3.891 ug/L	97
16) Methylene chloride	2.510	84	67432	4.482 ug/L	99
17) Methyl tert-butyl Ether	2.770	73	115555	4.886 ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	64434	4.985 ug/L	99
19) 1,1-Dichloroethane	3.191	63	122409	5.002 ug/L	99
21) 2-Butanone	3.989	43	91731m	44.916 ug/L	
22) cis-1,2-Dichloroethene	3.915	96	66156	5.010 ug/L	99
23) Bromochloromethane	4.253	128	27609	4.943 ug/L	93
25) Chloroform	4.378	83	124028	5.000 ug/L	99

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27) 1,2-Dichloroethane	5.133	62	63437	4.852	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	109174	5.071	ug/L	99
30) Cyclohexane	4.677	56	95513	4.983	ug/L	99
31) Carbon tetrachloride	4.828	117	92028	5.051	ug/L	100
33) Benzene	5.101	78	270515	5.060	ug/L	100
34) Trichloroethene	5.915	95	68136	4.990	ug/L	98
35) Methylcyclohexane	6.130	83	102709	4.899	ug/L	98
37) 1,2-Dichloropropane	6.175	63	66860	5.301	ug/L	100
38) Bromodichloromethane	6.510	83	78762	4.969	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	79428	4.879	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	289970	49.708	ug/L	99
42) Toluene	7.387	91	291694	5.241	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	68058	5.125	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	42639	4.925	ug/L	94
47) Tetrachloroethene	7.976	164	51770	4.893	ug/L	98
48) 2-Hexanone	8.140	43	204713	49.641	ug/L	98
49) Dibromochloromethane	8.246	129	46769	4.944	ug/L	100
50) 1,2-Dibromoethane	8.352	107	39234	5.098	ug/L	95
51) Chlorobenzene	8.883	112	178681	4.950	ug/L	100
52) Ethylbenzene	9.011	91	293750	5.018	ug/L	98
53) m,p-Xylene	9.137	106	113015	4.999	ug/L	95
54) o-Xylene	9.542	106	107922	5.013	ug/L	97
55) Styrene	9.561	104	189234	5.231	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	45859	4.903	ug/L	97
59) Bromoform	9.731	173	21037	4.732	ug/L	100
60) Isopropylbenzene	9.931	105	290461	5.071	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	34209	4.794	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	118868	4.859	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	220410	4.914	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	136575	5.039	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	132822	4.814	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	119699	4.916	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6599	4.775	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	94920	4.702	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	70840	4.626	ug/L	98
71) Naphthalene	13.500	128	101826	4.440	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	61730	4.666	ug/L	97

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

