

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
 Data File : VW021430.D
 Acq On : 26 May 2021 16:57
 Operator : SY/MD
 Sample : M2528-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YARK5MS

Quant Time: May 27 02:05:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	221237	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	207627	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	119041	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41025	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.568	69	42464	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.111	63	89800	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	3.892	46	192431	57.19	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.38%
24) Chloroform-d	4.352	84	129665	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.037	65	60695	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.053	84	236424	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.076	67	78291	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.317	98	217289	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloroprop...	7.625	79	30752	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.088	63	168445	53.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.10%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	65245	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	99968	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	80767	5.44	ug/L	98
3) Chloromethane	1.243	50	73731	5.66	ug/L	98
5) Vinyl chloride	1.311	62	78141	5.78	ug/L	99
6) Bromomethane	1.523	94	52458	5.92	ug/L	100
8) Chloroethane	1.587	64	45598	5.59	ug/L	96
9) Trichlorofluoromethane	1.754	101	115445	5.53	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	69292	5.96	ug/L	98
12) 1,1-Dichloroethene	2.118	96	64077	5.84	ug/L	90
13) Acetone	2.188	43	104538	55.11	ug/L #	30
14) Carbon disulfide	2.294	76	200186	5.43	ug/L	100
15) Methyl Acetate	2.442	43	25575	5.71	ug/L	94
16) Methylene chloride	2.510	84	74177	4.11	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	176182	5.56	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	75704	5.53	ug/L	99
19) 1,1-Dichloroethane	3.192	63	132042	5.46	ug/L	97
21) 2-Butanone	3.979	43	178539	55.25	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	83279	5.59	ug/L	100
23) Bromochloromethane	4.253	128	38304	5.72	ug/L	96
25) Chloroform	4.378	83	150476	6.07	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	73973	5.52	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	126452	5.43	ug/L	99
30) Cyclohexane	4.680	56	119445	5.21	ug/L	98
31) Carbon tetrachloride	4.831	117	123513	5.84	ug/L	100
33) Benzene	5.101	78	291703	5.39	ug/L	100
34) Trichloroethene	5.918	95	106344	7.15	ug/L	100
35) Methylcyclohexane	6.134	83	129586	5.29	ug/L	99
37) 1,2-Dichloropropane	6.175	63	73783	5.49	ug/L	99
38) Bromodichloromethane	6.513	83	99513	5.42	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	114462	5.32	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	440739	53.59	ug/L	99
42) Toluene	7.391	91	329954	5.51	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	97776	5.53	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	54768	5.51	ug/L	96
47) Tetrachloroethene	7.976	164	92952	6.85	ug/L	98
48) 2-Hexanone	8.140	43	295743	52.90	ug/L	99
49) Dibromochloromethane	8.246	129	73750	5.47	ug/L	97
50) 1,2-Dibromoethane	8.355	107	52192	5.45	ug/L	98
51) Chlorobenzene	8.883	112	218330	5.52	ug/L	99
52) Ethylbenzene	9.014	91	370225	5.52	ug/L	99
53) m,p-xylene	9.140	106	142611	5.52	ug/L	96
54) o-xylene	9.545	106	139010	5.51	ug/L	100
55) Styrene	9.561	104	233619	5.49	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	64346	5.50	ug/L	93
59) Bromoform	9.731	173	47214	5.48	ug/L	97
60) Isopropylbenzene	9.931	105	382544	5.43	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	44421	5.25	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	324123	5.40	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	330094	5.38	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	188101	5.42	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	186857	5.40	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	175042	5.45	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	10374	5.01	ug/L	93
69) 1,3,5-Trichlorobenzene	12.645	180	168013	5.38	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	141088	5.44	ug/L	99
71) Naphthalene	13.500	128	215042	5.30	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	120139	5.22	ug/L	98

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

