

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025527.D
 Acq On : 14 Apr 2022 05:38
 Operator : SY/MD
 Sample : N2384-03MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6P4MSD

Quant Time: Apr 14 06:56:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 05:22:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	140326	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	131458	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	61769	4.735	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.574	69	56408	4.064	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.114	63	123299	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	3.902	46	81870	51.590	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.180%
24) Chloroform-d	4.352	84	94687	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.037	65	41925	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.053	84	183274	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.072	67	52080	4.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.317	98	164634	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.625	79	15780	4.426	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.088	63	62895	50.262	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32664	4.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	46936	4.288	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	728200	57.446	ug/L	99
3) Chloromethane	1.246	50	75274	5.465	ug/L	97
5) Vinyl chloride	1.317	62	82095	5.274	ug/L	99
6) Bromomethane	1.526	94	46227	4.119	ug/L	96
8) Chloroethane	1.590	64	54170	4.509	ug/L	98
9) Trichlorofluoromethane	1.757	101	113631	5.198	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	54881	4.468	ug/L	99
12) 1,1-Dichloroethene	2.124	96	59979	4.928	ug/L	88
13) Acetone	2.195	43	60826	56.471	ug/L	97
14) Carbon disulfide	2.301	76	131949	4.529	ug/L	100
15) Methyl Acetate	2.449	43	11874	4.960	ug/L #	89
16) Methylene chloride	2.513	84	51017	4.323	ug/L	96
17) Methyl tert-butyl Ether	2.773	73	94301	5.007	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	48295	4.735	ug/L	99
19) 1,1-Dichloroethane	3.195	63	92362	5.347	ug/L	98
21) 2-Butanone	3.982	43	84698	56.907	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	55208	5.142	ug/L	96
23) Bromochloromethane	4.256	128	22189	4.978	ug/L	96
25) Chloroform	4.378	83	98970	5.428	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	51025	5.304	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	83658	5.396	ug/L	98
30) Cyclohexane	4.683	56	63678	4.517	ug/L	98
31) Carbon tetrachloride	4.831	117	68708	5.240	ug/L	99
33) Benzene	5.101	78	207841	5.352	ug/L	100
34) Trichloroethene	5.918	95	57705	5.597	ug/L	97
35) Methylcyclohexane	6.133	83	63119	3.837	ug/L	96
37) 1,2-Dichloropropane	6.175	63	51007	5.678	ug/L	100
38) Bromodichloromethane	6.510	83	61832	5.544	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	57596	4.892	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	222863	61.957	ug/L	97
42) Toluene	7.387	91	216893	5.135	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	44662	4.883	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	33017	5.488	ug/L	99
47) Tetrachloroethene	7.976	164	36162	4.480	ug/L	97
48) 2-Hexanone	8.140	43	160216	63.913	ug/L	95
49) Dibromochloromethane	8.246	129	35882	5.433	ug/L	99
50) 1,2-Dibromoethane	8.352	107	29112	5.152	ug/L	100
51) Chlorobenzene	8.883	112	129498	4.801	ug/L	99
52) Ethylbenzene	9.011	91	210754	4.678	ug/L	100
53) m,p-Xylene	9.137	106	82543	4.819	ug/L	99
54) o-Xylene	9.542	106	81088	4.874	ug/L	99
55) Styrene	9.561	104	124885	4.616	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	35637	5.929	ug/L	97
59) Bromoform	9.731	173	15432	5.726	ug/L	94
60) Isopropylbenzene	9.931	105	205537	5.086	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	26862	6.247	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	83656	4.642	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	154489	4.758	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	89113	4.724	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	89293	4.663	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	81831	4.898	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	4420	5.945	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	57863	4.032	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	45448	4.108	ug/L	98
71) Naphthalene	13.500	128	73405	4.523	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	39499	4.312	ug/L	99

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

