

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024716.D
 Acq On : 17 Feb 2022 12:19
 Operator : SY/MD
 Sample : VSTD00109
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001215

Quant Time: Feb 18 07:06:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	168832	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	157049	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71860	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	14174	0.993	ug/L	0.00
7) Chloroethane-d5	1.571	69	11768	0.983	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	26398	0.877	ug/L	0.00
20) 2-Butanone-d5	3.921	46	18011	7.765	ug/L	0.03
24) Chloroform-d	4.355	84	21968	0.907	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	9740	0.887	ug/L	0.00
32) Benzene-d6	5.056	84	43425	0.978	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	12589	0.916	ug/L	0.00
41) Toluene-d8	7.320	98	38961	0.942	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	3616	0.674	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	14813	7.712	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	7592	0.933	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	12303	1.058	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	16749	0.801	ug/L	98
3) Chloromethane	1.243	50	16748	0.809	ug/L	96
5) Vinyl chloride	1.314	62	17945	0.800	ug/L	97
6) Bromomethane	1.526	94	10771	0.790	ug/L	98
8) Chloroethane	1.587	64	11330	0.823	ug/L	99
9) Trichlorofluoromethane	1.757	101	23811	0.794	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	13995	0.832	ug/L	99
12) 1,1-Dichloroethene	2.121	96	13486	0.812	ug/L	95
13) Acetone	2.192	43	13630	7.440	ug/L	98
14) Carbon disulfide	2.298	76	36153	0.693	ug/L	100
15) Methyl Acetate	2.452	43	4172	0.798	ug/L #	81
16) Methylene chloride	2.510	84	12947	0.785	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	24602	0.726	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	12538	0.770	ug/L	98
19) 1,1-Dichloroethane	3.195	63	23728	0.842	ug/L	99
21) 2-Butanone	3.999	43	17983	6.119	ug/L	83
22) cis-1,2-Dichloroethene	3.918	96	13257	0.808	ug/L	100
23) Bromochloromethane	4.259	128	5049	0.808	ug/L #	94
25) Chloroform	4.381	83	24560	0.834	ug/L	99
27) 1,2-Dichloroethane	5.140	62	12695	0.786	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	20831	0.850	ug/L	100
30) Cyclohexane	4.680	56	20911	0.829	ug/L	100
31) Carbon tetrachloride	4.831	117	17447	0.842	ug/L	99
33) Benzene	5.105	78	52616	0.894	ug/L	100
34) Trichloroethene	5.921	95	13845	0.860	ug/L	97
35) Methylcyclohexane	6.130	83	21692	0.820	ug/L	95
37) 1,2-Dichloropropane	6.175	63	11456	0.803	ug/L	98
38) Bromodichloromethane	6.513	83	14755	0.785	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	15710	0.736	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	55736	7.668	ug/L	99
42) Toluene	7.391	91	54063	0.845	ug/L	97
44) trans-1,3-Dichloropropene	7.658	75	11830	0.675	ug/L	94

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

45) 1,1,2-Trichloroethane	7.841	97	7969	0.864	ug/L	97
47) Tetrachloroethene	7.976	164	9947	0.924	ug/L	92
48) 2-Hexanone	8.143	43	38768	7.775	ug/L	99
49) Dibromochloromethane	8.246	129	8181	0.745	ug/L	97
50) 1,2-Dibromoethane	8.355	107	7324	0.850	ug/L	96
51) Chlorobenzene	8.883	112	34580	0.881	ug/L	98
52) Ethylbenzene	9.014	91	58481	0.824	ug/L	97
53) m,p-xylene	9.140	106	21747	0.810	ug/L	100
54) o-xylene	9.545	106	21381	0.821	ug/L	92
55) Styrene	9.561	104	33519	0.783	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	7923	0.843	ug/L	99
59) Bromoform	9.731	173	3032	0.695	ug/L #	98
60) Isopropylbenzene	9.934	105	57036	0.899	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	6649	0.968	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	46300	0.855	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	45233	0.839	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	24331	0.938	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	24606	0.956	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	21599	0.939	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	960	0.722	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.644	180	17395	0.945	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	13450	0.913	ug/L	99
71) Naphthalene	13.503	128	21803	0.825	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	11444	0.923	ug/L	98

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

