

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027333.D
 Acq On : 12 Aug 2022 15:34
 Operator : SY/MD
 Sample : N4145-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY132MS

Quant Time: Aug 13 01:38:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 08:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	168345	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	182867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	54348	3.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.561	69	41050	3.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.105	63	94457	3.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.873	46	123364	49.804	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.600%
24) Chloroform-d	4.346	84	110947	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.031	65	53575	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	5.047	84	190844	3.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.800%
36) 1,2-Dichloropropane-d6	6.066	67	62184	3.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.313	98	178782	3.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	7.622	79	22998	3.981	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.085	63	92376	41.316	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49843	4.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	66736	3.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.200%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	98423	4.920	ug/L	98
3) Chloromethane	1.237	50	95679	4.781	ug/L	100
5) Vinyl chloride	1.307	62	85759	4.595	ug/L	98
6) Bromomethane	1.513	94	43496	4.991	ug/L	100
8) Chloroethane	1.577	64	48605	4.684	ug/L	98
9) Trichlorofluoromethane	1.748	101	119651	4.801	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	57224	4.890	ug/L	98
12) 1,1-Dichloroethene	2.111	96	53429	4.407	ug/L	92
13) Acetone	2.156	43	84120	45.956	ug/L	96
14) Carbon disulfide	2.288	76	212121	4.370	ug/L	100
15) Methyl Acetate	2.429	43	21899	4.914	ug/L	97
16) Methylene chloride	2.500	84	73050	3.752	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	125254	4.427	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	67027	4.495	ug/L	95
19) 1,1-Dichloroethane	3.185	63	130068	4.556	ug/L	98
21) 2-Butanone	3.957	43	137676	55.239	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	66622	4.544	ug/L	98
23) Bromochloromethane	4.243	128	30950	4.516	ug/L	99
25) Chloroform	4.371	83	132974	4.533	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	76003	4.534	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	116347	4.521	ug/L	99
30) Cyclohexane	4.670	56	93527	4.486	ug/L	100
31) Carbon tetrachloride	4.825	117	102367	4.571	ug/L	100
33) Benzene	5.095	78	276331	4.421	ug/L	100
34) Trichloroethene	5.912	95	67278	4.325	ug/L	99
35) Methylcyclohexane	6.127	83	96054	4.484	ug/L	100
37) 1,2-Dichloropropane	6.169	63	73743	4.773	ug/L	99
38) Bromodichloromethane	6.506	83	88233	4.432	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	86092	4.559	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	361722	45.369	ug/L	99
42) Toluene	7.384	91	303593	4.868	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	74746	4.524	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	48101	4.367	ug/L	97
47) Tetrachloroethene	7.973	164	57517	4.708	ug/L	98
48) 2-Hexanone	8.137	43	269685	47.137	ug/L	98
49) Dibromochloromethane	8.243	129	57748	4.479	ug/L	100
50) 1,2-Dibromoethane	8.352	107	43962	4.489	ug/L #	98
51) Chlorobenzene	8.879	112	187290	4.611	ug/L	98
52) Ethylbenzene	9.011	91	291530	4.653	ug/L	100
53) m,p-Xylene	9.137	106	114875	4.807	ug/L	97
54) o-Xylene	9.542	106	106600	4.561	ug/L	100
55) Styrene	9.558	104	196323	4.885	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	54927	4.474	ug/L	97
59) Bromoform	9.731	173	27741	4.160	ug/L	98
60) Isopropylbenzene	9.931	105	290812	4.669	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	39636	4.162	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	72960	4.238	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	216653	4.390	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	146453	4.706	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	145485	4.646	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	132691	4.578	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	8118	4.080	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	98374	4.384	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	69549	4.147	ug/L	98
71) Naphthalene	13.503	128	95634	3.691	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	66146	4.231	ug/L	99

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

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