

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029269.D
 Acq On : 22 Nov 2022 17:46
 Operator : SY/MD
 Sample : VSTD00108
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001208

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/23/2022
 Supervised By :Mahesh Dadoda 11/23/2022

Quant Time: Nov 23 01:02:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:00:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	290548	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	256695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	119486	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	26366	0.951	ug/L	0.00
7) Chloroethane-d5	1.564	69	20373	0.939	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	44424	0.941	ug/L	0.00
20) 2-Butanone-d5	3.918	46	37880m	9.259	ug/L	0.00
24) Chloroform-d	4.342	84	37400	0.952	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	18089	0.973	ug/L	0.00
32) Benzene-d6	5.047	84	79290	0.947	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	24636	0.932	ug/L	0.00
41) Toluene-d8	7.310	98	72138	0.957	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	8526	0.968	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	14991m	9.744	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	12866	0.979	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	23725	1.029	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	24213	0.998	ug/L	98
3) Chloromethane	1.236	50	34142	1.024	ug/L	100
5) Vinyl chloride	1.307	62	31936	0.998	ug/L	97
6) Bromomethane	1.519	94	17944	1.014	ug/L	97
8) Chloroethane	1.581	64	19275	1.005	ug/L	96
9) Trichlorofluoromethane	1.748	101	36268	0.992	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	20989	0.969	ug/L	97
12) 1,1-Dichloroethene	2.114	96	21398	0.998	ug/L	95
13) Acetone	2.188	43	34269	10.097	ug/L	99
14) Carbon disulfide	2.291	76	59550	0.984	ug/L	98
15) Methyl Acetate	2.439	43	8724	0.991	ug/L	91
16) Methylene chloride	2.503	84	38459	1.139	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	47792	1.015	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	21698	0.996	ug/L	94
19) 1,1-Dichloroethane	3.185	63	44166	1.006	ug/L	99
21) 2-Butanone	3.998	43	53403m	9.940	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	24367	1.025	ug/L	96
23) Bromochloromethane	4.249	128	8926	1.005	ug/L	98
25) Chloroform	4.375	83	40948	0.980	ug/L	99
27) 1,2-Dichloroethane	5.130	62	22863	0.999	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	34185	1.006	ug/L	99
30) Cyclohexane	4.670	56	40842	0.994	ug/L	100
31) Carbon tetrachloride	4.822	117	26691	0.985	ug/L	99
33) Benzene	5.098	78	94415	1.010	ug/L	100
34) Trichloroethene	5.912	95	24271	0.987	ug/L	99
35) Methylcyclohexane	6.127	83	38764	0.975	ug/L	98
37) 1,2-Dichloropropane	6.172	63	23985	0.990	ug/L	98
38) Bromodichloromethane	6.506	83	25686	0.947	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	31774	1.013	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	122052	9.974	ug/L	98
42) Toluene	7.384	91	95839	0.997	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	23667	0.979	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	14141	0.983	ug/L	97
47) Tetrachloroethene	7.969	164	16236	1.005	ug/L	97
48) 2-Hexanone	8.143	43	94729	10.066	ug/L	99
49) Dibromochloromethane	8.239	129	14269	0.949	ug/L	98
50) 1,2-Dibromoethane	8.349	107	12353	1.015	ug/L	97
51) Chlorobenzene	8.876	112	58880	1.008	ug/L	99
52) Ethylbenzene	9.008	91	100689	0.974	ug/L	99
53) m,p-Xylene	9.133	106	35994	0.937	ug/L	98
54) o-Xylene	9.535	106	35420	0.943	ug/L	97
55) Styrene	9.558	104	60843	0.947	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	12997	1.011	ug/L	98
59) Bromoform	9.725	173	6664	0.951	ug/L	97
60) Isopropylbenzene	9.924	105	97224	1.009	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	12173	1.065	ug/L	95
62) 1,3,5-Trimethylbenzene	10.532	105	82159	1.004	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	80992	0.995	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	43496	1.031	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	42183	1.021	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	40314	1.055	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.416	75	2178	1.269	ug/L	88
69) 1,3,5-Trichlorobenzene	12.635	180	33688	1.026	ug/L	97
70) 1,2,4-trichlorobenzene	13.249	180	26411	1.036	ug/L	99
71) Naphthalene	13.490	128	20974	2.329	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	21418	1.044	ug/L	99

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

