

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090622\
 Data File : VW027742.D
 Acq On : 06 Sep 2022 15:03
 Operator : SY/MD
 Sample : VSTD00529
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005229

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

Quant Time: Sep 07 05:16:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	189544	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79519	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	59015	3.148	ug/L	0.00
7) Chloroethane-d5	1.558	69	51224	3.229	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	132638	3.484	ug/L	0.00
20) 2-Butanone-d5	3.944	46	140852	40.848	ug/L	0.00
24) Chloroform-d	4.339	84	127966	3.319	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	65645	3.724	ug/L	0.00
32) Benzene-d6	5.034	84	230914	3.912	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	72631	3.917	ug/L	0.00
41) Toluene-d8	7.307	98	203502	4.023	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	22219	3.969	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	81024	38.605	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42649	3.669	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	64676	3.755	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	89489	3.715	ug/L	100
3) Chloromethane	1.230	50	80477	3.515	ug/L	100
5) Vinyl chloride	1.301	62	82305	3.742	ug/L	100
6) Bromomethane	1.513	94	41726	3.960	ug/L	100
8) Chloroethane	1.577	64	48864	3.923	ug/L	100
9) Trichlorofluoromethane	1.745	101	136739	4.474	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	66081	4.001	ug/L	100
12) 1,1-Dichloroethene	2.108	96	62474	4.078	ug/L	100
13) Acetone	2.233	43	95847m	41.229	ug/L	
14) Carbon disulfide	2.281	76	177590	3.694	ug/L	100
15) Methyl Acetate	2.449	43	28044	4.442	ug/L	100
16) Methylene chloride	2.497	84	67582	3.592	ug/L	100
17) Methyl tert-butyl Ether	2.773	73	149162	4.482	ug/L	100
18) trans-1,2-Dichloroethene	2.744	96	64059	3.777	ug/L	100
19) 1,1-Dichloroethane	3.175	63	123207	3.712	ug/L	100
21) 2-Butanone	4.027	43	145406	45.893	ug/L	100
22) cis-1,2-Dichloroethene	3.899	96	73731	4.244	ug/L	100
23) Bromochloromethane	4.236	128	30067	3.999	ug/L	100
25) Chloroform	4.365	83	142520	4.045	ug/L	100
27) 1,2-Dichloroethane	5.124	62	87863	4.453	ug/L	100
29) 1,1,1-Trichloroethane	4.590	97	125538	4.858	ug/L	100
30) Cyclohexane	4.651	56	103587	4.756	ug/L	100
31) Carbon tetrachloride	4.806	117	106988	4.843	ug/L	100
33) Benzene	5.082	78	263212	4.612	ug/L	100
34) Trichloroethene	5.899	95	70136	4.889	ug/L	100
35) Methylcyclohexane	6.111	83	106387	4.779	ug/L	100
37) 1,2-Dichloropropane	6.166	63	68032	4.677	ug/L	100
38) Bromodichloromethane	6.506	83	85471	4.642	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	73193	4.186	ug/L	100
40) 4-Methyl-2-pentanone	7.246	43	277912	44.140	ug/L	100
42) Toluene	7.381	91	268663	4.746	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	64625	4.532	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	41014	4.441	ug/L	100
47) Tetrachloroethene	7.969	164	52173	4.559	ug/L	100
48) 2-Hexanone	8.153	43	215165	45.539	ug/L	100
49) Dibromochloromethane	8.243	129	50657	4.595	ug/L	100
50) 1,2-Dibromoethane	8.352	107	36646	4.413	ug/L	100
51) Chlorobenzene	8.876	112	164292	4.562	ug/L	100
52) Ethylbenzene	9.008	91	261555	4.521	ug/L	100
53) m,p-Xylene	9.133	106	105271	4.711	ug/L	100
54) o-Xylene	9.538	106	99801	4.680	ug/L	100
55) Styrene	9.558	104	174607	4.809	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	44699	4.402	ug/L	100
59) Bromoform	9.731	173	24903	4.476	ug/L	100
60) Isopropylbenzene	9.927	105	269173	4.542	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	31257	4.047	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	73162	4.463	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	200337	4.304	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	128967	4.532	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	128858	4.533	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	116638	4.550	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	6468	4.167	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	92034	4.450	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	67670	4.403	ug/L	100
71) Naphthalene	13.500	128	91013	3.768	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	61525	4.432	ug/L	100

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

