

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028975.D
 Acq On : 15 Nov 2022 06:39
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005346

Quant Time: Nov 15 07:30:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	299066	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	278848	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	147510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	78204	4.289	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.568	69	78271	4.883	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.108	63	158331	4.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	3.889	46	193341	63.348	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.700%
24) Chloroform-d	4.342	84	192201	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.027	65	84133	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.047	84	386793	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.066	67	111352	4.791	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.310	98	357171	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.619	79	30419	4.013	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.085	63	167882	51.886	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.780%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	83291	5.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	133034	5.041	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	129831	5.208	ug/L	98
3) Chloromethane	1.240	50	112765	5.450	ug/L	98
5) Vinyl chloride	1.310	62	123212	5.221	ug/L	99
6) Bromomethane	1.523	94	69278	4.911	ug/L	98
8) Chloroethane	1.584	64	73559m	5.304	ug/L	
9) Trichlorofluoromethane	1.751	101	171106	5.377	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	97199	5.395	ug/L	98
12) 1,1-Dichloroethene	2.117	96	97887	5.407	ug/L	97
13) Acetone	2.185	43	103153	52.541	ug/L	83
14) Carbon disulfide	2.294	76	326872	5.084	ug/L	98
15) Methyl Acetate	2.436	43	30268	6.353	ug/L	94
16) Methylene chloride	2.503	84	122921	5.251	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	212950	5.486	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	113212	5.392	ug/L	97
19) 1,1-Dichloroethane	3.185	63	188412	5.489	ug/L	98
21) 2-Butanone	3.973	43	181973	59.868	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	119616	5.603	ug/L	97
23) Bromochloromethane	4.243	128	49564	5.490	ug/L	95
25) Chloroform	4.371	83	192740	5.356	ug/L	96

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27) 1,2-Dichloroethane	5.127	62	102069	5.507	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	167770	5.127	ug/L	99
30) Cyclohexane	4.670	56	170448	5.125	ug/L	99
31) Carbon tetrachloride	4.825	117	139679	4.957	ug/L	99
33) Benzene	5.095	78	447131	5.247	ug/L	100
34) Trichloroethene	5.912	95	113777	5.216	ug/L	97
35) Methylcyclohexane	6.127	83	190175	4.960	ug/L	98
37) 1,2-Dichloropropane	6.169	63	100344	5.106	ug/L	99
38) Bromodichloromethane	6.503	83	124960	5.021	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	121924	4.445	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	465017	55.004	ug/L	97
42) Toluene	7.381	91	484373	5.262	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	90435	4.246	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	71597	5.566	ug/L	97
47) Tetrachloroethene	7.969	164	94217	5.394	ug/L	99
48) 2-Hexanone	8.136	43	318783	53.829	ug/L	98
49) Dibromochloromethane	8.239	129	74058	4.762	ug/L	100
50) 1,2-Dibromoethane	8.345	107	66009	5.524	ug/L	94
51) Chlorobenzene	8.876	112	310120	5.449	ug/L	100
52) Ethylbenzene	9.005	91	518933	5.415	ug/L	99
53) m,p-Xylene	9.130	106	207325	5.439	ug/L	100
54) o-Xylene	9.535	106	198110	5.468	ug/L	97
55) Styrene	9.551	104	339077	5.579	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	83293	5.556	ug/L	99
59) Bromoform	9.725	173	36711	4.565	ug/L	99
60) Isopropylbenzene	9.924	105	532752	5.564	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	58446	5.798	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	448325	5.527	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	444411	5.470	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	252689	5.617	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	249941	5.526	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	225091	5.569	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	10228	5.157	ug/L	90
69) 1,3,5-Trichlorobenzene	12.635	180	189876	5.471	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	145656	5.548	ug/L	98
71) Naphthalene	13.493	128	186957	5.519	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	120216	5.407	ug/L	100

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

