

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091422\
 Data File : VW027843.D
 Acq On : 14 Sep 2022 21:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005289

Quant Time: Sep 15 02:55:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 15 02:47:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	129880	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	126862	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74358	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35644	4.163	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.568	69	33617	4.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.108	63	82898	4.563	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	3.895	46	49087	25.872	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	51.740%
24) Chloroform-d	4.346	84	90341	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.030	65	42129	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.047	84	161659	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.069	67	42538	3.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.313	98	156689	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	7.622	79	15252	4.219	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.091	63	60012	44.661	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33122	4.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	56015	4.586	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	66731	5.234	ug/L	100
3) Chloromethane	1.240	50	53513	4.610	ug/L	100
5) Vinyl chloride	1.310	62	54894	4.695	ug/L	100
6) Bromomethane	1.523	94	30263	4.805	ug/L	96
8) Chloroethane	1.584	64	33713	5.021	ug/L	98
9) Trichlorofluoromethane	1.754	101	100675	5.314	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	49264	5.334	ug/L	96
12) 1,1-Dichloroethene	2.117	96	44896	5.216	ug/L	93
13) Acetone	2.175	43	52136m	36.879	ug/L	
14) Carbon disulfide	2.294	76	114422	4.477	ug/L	96
15) Methyl Acetate	2.436	43	18814m	5.018	ug/L	
16) Methylene chloride	2.506	84	54720	4.937	ug/L	88
17) Methyl tert-butyl Ether	2.770	73	95418	4.670	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	47236	5.196	ug/L	92
19) 1,1-Dichloroethane	3.188	63	86744	5.085	ug/L	98
21) 2-Butanone	3.979	43	58817m	29.474	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	46800	4.724	ug/L	# 82
23) Bromochloromethane	4.252	128	22956	5.518	ug/L	# 80
25) Chloroform	4.371	83	100283	5.298	ug/L	97

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27) 1,2-Dichloroethane	5.130	62	55464	4.833	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	92602	4.746	ug/L	97
30) Cyclohexane	4.674	56	59514	3.712	ug/L	91
31) Carbon tetrachloride	4.825	117	82798	4.994	ug/L	96
33) Benzene	5.098	78	191317	4.566	ug/L	100
34) Trichloroethene	5.911	95	49094	4.681	ug/L	96
35) Methylcyclohexane	6.127	83	69863	4.338	ug/L	95
37) 1,2-Dichloropropane	6.172	63	45086	4.535	ug/L	98
38) Bromodichloromethane	6.506	83	65304	4.953	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	58124	4.630	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	212686	47.196	ug/L	95
42) Toluene	7.384	91	221150	5.449	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	52384	4.972	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	32983	5.120	ug/L	99
47) Tetrachloroethene	7.972	164	44014	5.230	ug/L	94
48) 2-Hexanone	8.140	43	163949	50.042	ug/L	95
49) Dibromochloromethane	8.243	129	42675	5.218	ug/L	100
50) 1,2-Dibromoethane	8.352	107	29770	5.110	ug/L	100
51) Chlorobenzene	8.879	112	137227	5.210	ug/L	99
52) Ethylbenzene	9.011	91	217034	5.156	ug/L	99
53) m,p-Xylene	9.136	106	86701	5.237	ug/L	97
54) o-Xylene	9.542	106	85826	5.438	ug/L	95
55) Styrene	9.558	104	151070	5.536	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	36929	5.115	ug/L	97
59) Bromoform	9.731	173	22441	4.986	ug/L	98
60) Isopropylbenzene	9.931	105	227221	4.884	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	27462	4.664	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	63453	4.843	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	178055	4.781	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	116865	4.961	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	113504	4.781	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	105952	4.953	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5957	4.713	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	87124	4.882	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	64500	4.571	ug/L	99
71) Naphthalene	13.500	128	84026	3.791	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57230	4.552	ug/L	98

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

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