

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082322\
 Data File : VW027487.D
 Acq On : 23 Aug 2022 16:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005381

Quant Time: Aug 24 02:13:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 24 02:11:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/25/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	129369	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	129365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39761	4.318	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.564	69	36206	5.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.400%
11) 1,1-Dichloroethene-d2	2.105	63	100483	4.680	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	3.892	46	45947m	40.099	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.200%
24) Chloroform-d	4.342	84	81213	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.030	65	35267	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.043	84	150471	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.066	67	41508	3.984	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.310	98	143219	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.622	79	15845	4.442	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.088	63	51670	44.006	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29470	4.442	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	44056	4.184	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	69842	5.088	ug/L	97
3) Chloromethane	1.236	50	55916	4.665	ug/L	96
5) Vinyl chloride	1.307	62	61404	5.089	ug/L	99
6) Bromomethane	1.519	94	35404	5.933	ug/L	96
8) Chloroethane	1.580	64	45801	6.495	ug/L	96
9) Trichlorofluoromethane	1.748	101	101565	5.298	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	59293	5.479	ug/L	98
12) 1,1-Dichloroethene	2.114	96	51796	5.292	ug/L	97
13) Acetone	2.175	43	52603	48.071	ug/L	96
14) Carbon disulfide	2.288	76	148073	5.512	ug/L	100
15) Methyl Acetate	2.433	43	12819	4.230	ug/L #	88
16) Methylene chloride	2.500	84	66256	4.490	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	94105	4.647	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	47529	4.713	ug/L	97
19) 1,1-Dichloroethane	3.182	63	96488	4.622	ug/L	100
21) 2-Butanone	3.973	43	59977	41.185	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	50701	4.718	ug/L	96
23) Bromochloromethane	4.240	128	22490	4.746	ug/L	88
25) Chloroform	4.365	83	110716	4.877	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	56442	4.893	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	97019	4.886	ug/L	99
30) Cyclohexane	4.670	56	69533	4.562	ug/L	94
31) Carbon tetrachloride	4.818	117	85830	4.971	ug/L	99
33) Benzene	5.092	78	215731	5.016	ug/L	100
34) Trichloroethene	5.908	95	53355	4.714	ug/L	95
35) Methylcyclohexane	6.124	83	74861	4.702	ug/L	98
37) 1,2-Dichloropropane	6.169	63	55173	4.811	ug/L	99
38) Bromodichloromethane	6.503	83	72451	4.983	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	65461	4.734	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	242608	47.352	ug/L	96
42) Toluene	7.384	91	235071	5.295	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	56201	4.808	ug/L	96
45) 1,1,2-Trichloroethane	7.834	97	36560	4.987	ug/L	96
47) Tetrachloroethene	7.972	164	42798	4.853	ug/L	99
48) 2-Hexanone	8.136	43	178230	48.277	ug/L	98
49) Dibromochloromethane	8.243	129	46417	5.148	ug/L	93
50) 1,2-Dibromoethane	8.352	107	31925	4.989	ug/L	99
51) Chlorobenzene	8.879	112	139687	4.861	ug/L	99
52) Ethylbenzene	9.011	91	223946	4.942	ug/L	99
53) m,p-Xylene	9.136	106	88328	5.093	ug/L	98
54) o-Xylene	9.542	106	84784	5.040	ug/L	98
55) Styrene	9.558	104	150659	5.265	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	40394	4.892	ug/L	97
59) Bromoform	9.728	173	23203	4.874	ug/L	98
60) Isopropylbenzene	9.927	105	232665	4.978	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	29101	4.670	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	60028	4.632	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	171527	4.698	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	115390	5.011	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	113305	4.936	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	101951	4.883	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5945	4.294	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	81711	4.754	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	60927	4.878	ug/L	100
71) Naphthalene	13.500	128	73728	4.276	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54607	4.922	ug/L	99

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

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