

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010422\
 Data File : VW024273.D
 Acq On : 04 Jan 2022 18:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005291

Quant Time: Jan 05 00:41:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 04 18:34:35 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

01/07/2022
 Supervised By :Amit
 Patel

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	99117	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	96415	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60016	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	35751	4.441	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.568	69	29513	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.111	63	71524	4.530	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	3.912	46	52160m	49.845	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.700%
24) Chloroform-d	4.349	84	71185	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.034	65	33567	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.050	84	130416	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.069	67	34016	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.317	98	131927	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.622	79	15962	4.964	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.091	63	51204	50.959	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.920%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	25607	5.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	52707	5.056	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.130	85	60505	4.860	ug/L	99
3) Chloromethane	1.243	50	39516	4.748	ug/L	98
5) Vinyl chloride	1.310	62	44190	4.817	ug/L	98
6) Bromomethane	1.523	94	28312	4.660	ug/L	98
8) Chloroethane	1.587	64	27651	4.792	ug/L	95
9) Trichlorofluoromethane	1.754	101	88251	4.857	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	45180	4.932	ug/L	98
12) 1,1-Dichloroethene	2.121	96	39412	5.034	ug/L	97
13) Acetone	2.204	43	47840m	47.543	ug/L	
14) Carbon disulfide	2.294	76	86647	4.708	ug/L	99
15) Methyl Acetate	2.445	43	7575	3.586	ug/L #	89
16) Methylene chloride	2.510	84	45095	3.760	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	92177	4.903	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	40680	4.880	ug/L	96
19) 1,1-Dichloroethane	3.191	63	72377	4.893	ug/L	100
21) 2-Butanone	3.998	43	67265m	49.297	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	45044	4.923	ug/L	97
23) Bromochloromethane	4.249	128	20856	5.128	ug/L #	84
25) Chloroform	4.375	83	85344	4.823	ug/L	98

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27) 1,2-Dichloroethane	5.133	62	48934	4.991	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	83380	5.054	ug/L	99
30) Cyclohexane	4.680	56	52181	5.016	ug/L	93
31) Carbon tetrachloride	4.828	117	74765	4.968	ug/L	98
33) Benzene	5.101	78	163082	5.132	ug/L	100
34) Trichloroethene	5.915	95	45146	5.077	ug/L	95
35) Methylcyclohexane	6.130	83	63695	5.134	ug/L	95
37) 1,2-Dichloropropane	6.172	63	36310	4.924	ug/L	99
38) Bromodichloromethane	6.510	83	58130	4.999	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	58699	5.223	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	200495	53.120	ug/L	96
42) Toluene	7.387	91	192596	5.264	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	52094	5.150	ug/L	94
45) 1,1,2-Trichloroethane	7.841	97	30289	5.048	ug/L	96
47) Tetrachloroethene	7.976	164	42437	5.114	ug/L	96
48) 2-Hexanone	8.143	43	147564	52.991	ug/L	95
49) Dibromochloromethane	8.246	129	42528	5.152	ug/L	97
50) 1,2-Dibromoethane	8.355	107	27900	5.128	ug/L #	97
51) Chlorobenzene	8.882	112	129864	5.140	ug/L	97
52) Ethylbenzene	9.011	91	208570	5.193	ug/L	98
53) m,p-xylene	9.136	106	82831	5.151	ug/L	100
54) o-xylene	9.542	106	83253	5.295	ug/L	99
55) Styrene	9.561	104	144079	5.423	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	31353	5.145	ug/L	95
59) Bromoform	9.731	173	23739	4.742	ug/L	99
60) Isopropylbenzene	9.931	105	226500	5.117	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24474	5.041	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	194085	5.112	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	200866	5.195	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	119294	5.077	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	117271	4.999	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	108196	5.088	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5456	5.129	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	94921	4.880	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	73549	4.813	ug/L	97
71) Naphthalene	13.500	128	103085	4.831	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	66237	5.028	ug/L	97

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

