

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050823\
 Data File : VW031002.D
 Acq On : 08 May 2023 09:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005344

Quant Time: May 09 01:33:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

05/09/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	134726	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	130351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	71291	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.281	65	41805	3.766	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.539	69	36557	4.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.063	65	22141	3.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	3.838	46	96290	48.919	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.840%
24) Chloroform-d	4.259	84	99912	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	4.953	65	49381	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	4.969	84	160650	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.995	67	47661	4.290	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.249	98	149320	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.561	79	19907	4.780	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.037	63	68589	47.006	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	39444	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	54693	4.116	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.111	85	51933	4.879	ug/L	100
3) Chloromethane	1.217	50	53306	4.268	ug/L	99
5) Vinyl chloride	1.288	62	49612	4.746	ug/L	99
6) Bromomethane	1.494	94	23211	4.662	ug/L	98
8) Chloroethane	1.555	64	29448	4.628	ug/L	96
9) Trichlorofluoromethane	1.719	101	94396	4.894	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	50422	5.121	ug/L	99
12) 1,1-Dichloroethene	2.076	96	42836	4.724	ug/L	87
13) Acetone	2.169	43	79027	47.002	ug/L	94
14) Carbon disulfide	2.246	76	99509	4.195	ug/L	100
15) Methyl Acetate	2.394	43	14749	4.312	ug/L	98
16) Methylene chloride	2.455	84	45459	4.432	ug/L	91
17) Methyl tert-butyl Ether	2.712	73	88542	5.130	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	39359	4.752	ug/L	99
19) 1,1-Dichloroethane	3.121	63	81740	5.111	ug/L	98
21) 2-Butanone	3.918	43	102840m	55.615	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	42831	4.902	ug/L	99
23) Bromochloromethane	4.159	128	21686	5.271	ug/L	93
25) Chloroform	4.285	83	89668	5.226	ug/L	99

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27) 1,2-Dichloroethane	5.053	62	56760	5.271	ug/L	96
29) 1,1,1-Trichloroethane	4.522	97	85502	5.220	ug/L	99
30) Cyclohexane	4.590	56	56264	4.548	ug/L	99
31) Carbon tetrachloride	4.744	117	77259	5.251	ug/L	99
33) Benzene	5.018	78	167100	5.096	ug/L	100
34) Trichloroethene	5.841	95	44623	5.105	ug/L	98
35) Methylcyclohexane	6.056	83	61227	4.520	ug/L	99
37) 1,2-Dichloropropane	6.101	63	41918	5.390	ug/L #	94
38) Bromodichloromethane	6.439	83	61122	5.370	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	59944	5.146	ug/L	95
40) 4-Methyl-2-pentanone	7.169	43	215852	53.567	ug/L	98
42) Toluene	7.323	91	185590	5.257	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	52443	5.284	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	30689	5.318	ug/L	97
47) Tetrachloroethene	7.911	164	41368	4.961	ug/L	96
48) 2-Hexanone	8.088	43	172344	55.763	ug/L	99
49) Dibromochloromethane	8.185	129	40086	5.522	ug/L	99
50) 1,2-Dibromoethane	8.291	107	26541	5.157	ug/L #	92
51) Chlorobenzene	8.821	112	120634	5.040	ug/L	97
52) Ethylbenzene	8.953	91	187557	4.873	ug/L	99
53) m,p-Xylene	9.079	106	72443	4.717	ug/L	100
54) o-Xylene	9.484	106	70432	4.819	ug/L	98
55) Styrene	9.503	104	119286	4.836	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	34358	5.327	ug/L	99
59) Bromoform	9.673	173	24887	5.931	ug/L	99
60) Isopropylbenzene	9.873	105	196496	5.112	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	23563	5.261	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	146961	4.697	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	142829	4.505	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	98595	4.995	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	95194	4.780	ug/L	95
67) 1,2-Dichlorobenzene	11.586	146	84893	4.783	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	5310	4.671	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.590	180	69875	4.471	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	48370	4.027	ug/L	99
71) Naphthalene	13.448	128	50064	2.907	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	38595	3.796	ug/L	98

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

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