

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052322\
 Data File : VW025950.D
 Acq On : 23 May 2022 09:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005295

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

Quant Time: May 24 05:20:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 20 21:49:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	202039	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	206088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	115949	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	57622	3.453	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.571	69	56394	3.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.111	63	141536	3.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.902	46	74605	38.607	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.220%
24) Chloroform-d	4.343	84	128400	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.031	65	51787	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.047	84	234677	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.066	67	71210	4.577	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.313	98	221238	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.619	79	21220	4.170	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.085	63	87425	46.276	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51269	5.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	72548	4.395	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	101241	4.647	ug/L	99
3) Chloromethane	1.243	50	108179	4.250	ug/L	98
5) Vinyl chloride	1.314	62	117650	4.395	ug/L	100
6) Bromomethane	1.526	94	60296	3.869	ug/L	100
8) Chloroethane	1.587	64	76270	4.392	ug/L	100
9) Trichlorofluoromethane	1.754	101	168950	4.729	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	98227	4.906	ug/L	98
12) 1,1-Dichloroethene	2.121	96	89632	4.616	ug/L	95
13) Acetone	2.188	43	76273m	40.940	ug/L	
14) Carbon disulfide	2.294	76	210378	4.205	ug/L	100
15) Methyl Acetate	2.442	43	19042	4.487	ug/L	93
16) Methylene chloride	2.507	84	83066	4.214	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	136884	4.418	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	81045	4.786	ug/L	98
19) 1,1-Dichloroethane	3.188	63	155452	4.849	ug/L	99
21) 2-Butanone	3.982	43	114307m	42.725	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	81727	4.724	ug/L	92
23) Bromochloromethane	4.246	128	35943	4.912	ug/L	96
25) Chloroform	4.371	83	160270	4.932	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	78852	4.604	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	140875	5.013	ug/L	97
30) Cyclohexane	4.674	56	114363	4.570	ug/L	99
31) Carbon tetrachloride	4.825	117	119731	5.033	ug/L	100
33) Benzene	5.095	78	337992	4.842	ug/L	100
34) Trichloroethene	5.908	95	84933	4.765	ug/L	99
35) Methylcyclohexane	6.127	83	127307	4.651	ug/L	99
37) 1,2-Dichloropropane	6.169	63	84297	5.120	ug/L	100
38) Bromodichloromethane	6.506	83	101995	4.929	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	91385	4.300	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	352283	46.258	ug/L	98
42) Toluene	7.384	91	370840	5.104	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	78136	4.507	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	54652	4.836	ug/L	96
47) Tetrachloroethene	7.973	164	65670	4.755	ug/L	98
48) 2-Hexanone	8.137	43	258161	47.952	ug/L	99
49) Dibromochloromethane	8.243	129	58052	4.701	ug/L	99
50) 1,2-Dibromoethane	8.349	107	49062	4.883	ug/L	95
51) Chlorobenzene	8.876	112	229502	4.870	ug/L	100
52) Ethylbenzene	9.008	91	370190	4.844	ug/L	98
53) m,p-Xylene	9.133	106	147641	5.002	ug/L	95
54) o-Xylene	9.542	106	140022	4.982	ug/L	98
55) Styrene	9.558	104	247126	5.233	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	59239	4.851	ug/L	100
59) Bromoform	9.728	173	24972	4.152	ug/L	98
60) Isopropylbenzene	9.928	105	378347	4.882	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	44524	4.612	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	152129	4.596	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	289779	4.775	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	179472	4.895	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	174983	4.688	ug/L	100
67) 1,2-Dichlorobenzene	11.638	146	155785	4.729	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7870	4.209	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	123294	4.514	ug/L	96
70) 1,2,4-trichlorobenzene	13.259	180	92548	4.467	ug/L	98
71) Naphthalene	13.500	128	120582	3.887	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	78810	4.403	ug/L	98

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

