

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025559.D
 Acq On : 15 Apr 2022 11:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005379

Quant Time: Apr 16 02:36:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 15 07:05:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	188781	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	186596	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	101847	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	66189	3.771	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.571	69	67265	3.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.111	63	146471	4.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.892	46	111350	52.156	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.320%
24) Chloroform-d	4.346	84	119006	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.031	65	54968	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.047	84	227414	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.066	67	66862	4.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.314	98	209108	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.622	79	21470	4.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.085	63	81858	46.086	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.180%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42050	4.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	69175	4.051	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	77407	4.539	ug/L	100
3) Chloromethane	1.246	50	94057	5.076	ug/L	99
5) Vinyl chloride	1.314	62	100216	4.786	ug/L	100
6) Bromomethane	1.526	94	61257	4.057	ug/L	97
8) Chloroethane	1.590	64	75301	4.659	ug/L	100
9) Trichlorofluoromethane	1.754	101	175777	5.976	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	81023	4.903	ug/L	99
12) 1,1-Dichloroethene	2.121	96	77589	4.739	ug/L	83
13) Acetone	2.188	43	72558	50.072	ug/L	97
14) Carbon disulfide	2.298	76	166846	4.257	ug/L	100
15) Methyl Acetate	2.439	43	17711	5.499	ug/L #	85
16) Methylene chloride	2.507	84	71215	4.486	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	115047	4.541	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	62982	4.590	ug/L	98
19) 1,1-Dichloroethane	3.192	63	115351	4.964	ug/L	98
21) 2-Butanone	3.976	43	105557	52.718	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	66291	4.589	ug/L	91
23) Bromochloromethane	4.249	128	27395	4.568	ug/L	94
25) Chloroform	4.375	83	123706	5.043	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	63910	4.938	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	107801	4.898	ug/L	98
30) Cyclohexane	4.674	56	90436	4.520	ug/L	99
31) Carbon tetrachloride	4.825	117	92442	4.967	ug/L	99
33) Benzene	5.098	78	264074	4.791	ug/L	100
34) Trichloroethene	5.912	95	69177	4.727	ug/L	99
35) Methylcyclohexane	6.127	83	105748	4.528	ug/L	97
37) 1,2-Dichloropropane	6.172	63	62152	4.874	ug/L	99
38) Bromodichloromethane	6.506	83	76832	4.853	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	79440	4.754	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	265138	51.929	ug/L	97
42) Toluene	7.384	91	289726	4.832	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	63909	4.923	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	40954	4.796	ug/L	98
47) Tetrachloroethene	7.973	164	51498	4.495	ug/L	97
48) 2-Hexanone	8.137	43	198600	55.815	ug/L	95
49) Dibromochloromethane	8.243	129	45870	4.893	ug/L	100
50) 1,2-Dibromoethane	8.352	107	36741	4.581	ug/L	100
51) Chlorobenzene	8.879	112	176790	4.618	ug/L	98
52) Ethylbenzene	9.011	91	298050	4.661	ug/L	99
53) m,p-Xylene	9.137	106	117956	4.851	ug/L	98
54) o-Xylene	9.542	106	111845	4.736	ug/L	97
55) Styrene	9.558	104	190349	4.957	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	38726	4.539	ug/L	97
59) Bromoform	9.728	173	19543	4.649	ug/L	97
60) Isopropylbenzene	9.928	105	297043	4.712	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	32092	4.784	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	128543	4.573	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	242275	4.783	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	136039	4.623	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	135155	4.524	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	118699	4.555	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5244	4.522	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	95376	4.260	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	69997	4.056	ug/L	99
71) Naphthalene	13.500	128	103104	4.072	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	59781	4.183	ug/L	98

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

