

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027737.D
 Acq On : 02 Sep 2022 21:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005282

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/03/2022

Quant Time: Sep 03 05:36:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 03 05:30:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	124684	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123936	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	67069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63711	4.704	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.568	69	59131	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.108	63	132313	4.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	3.889	46	91218	39.831	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.660%
24) Chloroform-d	4.346	84	133166	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.031	65	62763	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.047	84	242934	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.066	67	67100	4.273	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.313	98	239349	5.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
43) trans-1,3-Dichloroprop...	7.622	79	24146	4.991	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.088	63	95175	52.319	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48498	4.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	73841	4.918	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	91650	5.396	ug/L	100
3) Chloromethane	1.240	50	89482	5.502	ug/L	96
5) Vinyl chloride	1.310	62	88046	5.685	ug/L	98
6) Bromomethane	1.523	94	39298	5.399	ug/L	98
8) Chloroethane	1.584	64	51061	5.899	ug/L	94
9) Trichlorofluoromethane	1.754	101	130055	6.262	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	66223	5.857	ug/L	97
12) 1,1-Dichloroethene	2.117	96	61301	5.890	ug/L	93
13) Acetone	2.175	43	84112m	54.279	ug/L	
14) Carbon disulfide	2.294	76	180534	5.490	ug/L	98
15) Methyl Acetate	2.433	43	14361	3.493	ug/L #	88
16) Methylene chloride	2.503	84	66631	5.075	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	107170	4.820	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	59910	5.079	ug/L	94
19) 1,1-Dichloroethane	3.188	63	114208	4.945	ug/L	99
21) 2-Butanone	3.973	43	72408	34.453	ug/L #	79
22) cis-1,2-Dichloroethene	3.908	96	57619	4.894	ug/L	89
23) Bromochloromethane	4.246	128	26392	5.060	ug/L #	88
25) Chloroform	4.371	83	118959	4.905	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	65081	4.916	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	109468	5.108	ug/L	98
30) Cyclohexane	4.674	56	81536	4.510	ug/L	92
31) Carbon tetrachloride	4.825	117	95321	5.198	ug/L	100
33) Benzene	5.095	78	239382	4.952	ug/L	100
34) Trichloroethene	5.912	95	56653	4.768	ug/L	98
35) Methylcyclohexane	6.130	83	88143	4.780	ug/L	95
37) 1,2-Dichloropropane	6.172	63	57144	4.682	ug/L #	94
38) Bromodichloromethane	6.506	83	74718	4.840	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	73656	4.943	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	268364	49.468	ug/L #	97
42) Toluene	7.384	91	273774	5.672	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	59721	4.917	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	37579	4.773	ug/L	99
47) Tetrachloroethene	7.973	164	50285	5.219	ug/L	98
48) 2-Hexanone	8.140	43	198665	48.797	ug/L #	96
49) Dibromochloromethane	8.243	129	47158	5.055	ug/L	96
50) 1,2-Dibromoethane	8.352	107	34312	4.865	ug/L #	97
51) Chlorobenzene	8.879	112	155983	5.125	ug/L	98
52) Ethylbenzene	9.011	91	252543	5.164	ug/L	100
53) m,p-Xylene	9.136	106	101631	5.406	ug/L	94
54) o-Xylene	9.542	106	96975	5.405	ug/L	94
55) Styrene	9.558	104	170823	5.576	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	42724	4.908	ug/L	97
59) Bromoform	9.728	173	23630	4.960	ug/L	99
60) Isopropylbenzene	9.931	105	260109	5.124	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	31709	4.673	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	70166	5.066	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	198381	4.982	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	126461	5.162	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	122349	5.023	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	113322	5.158	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6114	4.524	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	90063	5.099	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	65186	5.007	ug/L	99
71) Naphthalene	13.500	128	84413	4.143	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	56756	4.840	ug/L	98

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

