

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015826.D
 Acq On : 30 Apr 2020 10:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00550

Quant Time: May 01 01:39:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	130638	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124368	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	64122	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37759	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.58	69	32999	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.12	63	78141	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.60%
20) 2-Butanone-d5	3.92	46	100340	45.77	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.54%
24) Chloroform-d	4.37	84	70700	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.06	65	41371	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.07	84	145145	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.09	67	44784	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.34	98	136137	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.64	79	16731	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.11	63	79681	44.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31289	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	48190	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	57757	5.162	ug/L 99
3) Chloromethane	1.25	50	52532	5.427	ug/L 99
5) Vinyl chloride	1.32	62	54243	5.247	ug/L 100
6) Bromomethane	1.53	94	28029	6.314	ug/L 95
8) Chloroethane	1.59	64	34687	5.108	ug/L 97
9) Trichlorofluoromethane	1.76	101	78248	5.393	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44974	5.479	ug/L 99
12) 1,1-Dichloroethene	2.13	96	39753	5.228	ug/L 98
13) Acetone	2.20	43	87525	57.500	ug/L 98
14) Carbon disulfide	2.31	76	109677	5.103	ug/L 98
15) Methyl Acetate	2.46	43	19483	5.382	ug/L 94
16) Methylene chloride	2.52	84	47019	5.009	ug/L 100
17) Methyl tert-butyl Ether	2.79	73	113240	5.306	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	45764	5.376	ug/L 98
19) 1,1-Dichloroethane	3.21	63	92392	5.527	ug/L 100
21) 2-Butanone	4.01	43	129737	55.257	ug/L 96
22) cis-1,2-Dichloroethene	3.94	96	50790	5.396	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.28	128	20432	5.314	ug/L	98
25) Chloroform	4.40	83	101025	5.693	ug/L	97
27) 1,2-Dichloroethane	5.16	62	62821	5.388	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	84137	5.335	ug/L	100
30) Cyclohexane	4.70	56	79977	5.308	ug/L	100
31) Carbon tetrachloride	4.85	117	70207	5.375	ug/L	98
33) Benzene	5.12	78	193443	5.444	ug/L	100
34) Trichloroethene	5.94	95	52469	5.347	ug/L	98
35) Methylcyclohexane	6.15	83	80658	5.356	ug/L	99
37) 1,2-Dichloropropane	6.20	63	48155	5.332	ug/L	100
38) Bromodichloromethane	6.53	83	61359	5.350	ug/L #	99
39) cis-1,3-Dichloropropene	7.05	75	68111	5.410	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	314772	53.700	ug/L	99
42) Toluene	7.41	91	204521	5.387	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	57167	5.404	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	32987	5.359	ug/L	97
47) Tetrachloroethene	8.00	164	37942	5.370	ug/L	94
48) 2-Hexanone	8.16	43	231146	55.297	ug/L	99
49) Dibromochloromethane	8.27	129	35310	5.542	ug/L	97
50) 1,2-Dibromoethane	8.37	107	30232	5.310	ug/L #	97
51) Chlorobenzene	8.90	112	133281	5.359	ug/L	99
52) Ethylbenzene	9.03	91	238515	5.428	ug/L	99
53) m,p-xylene	9.16	106	89403	5.555	ug/L	99
54) o-xylene	9.56	106	84454	5.423	ug/L	100
55) Styrene	9.58	104	145100	5.491	ug/L	97
56) Isopropylbenzene	9.95	105	238742	5.465	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	38334	5.333	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	30209	5.239	ug/L	99
61) Bromoform	9.75	173	15112	5.709	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	109969	5.419	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	108153	5.284	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	99417	5.416	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	6184	5.171	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	81149	5.411	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	72523	5.254	ug/L	99
69) Naphthalene	13.53	128	118975	4.816	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	63075	5.178	ug/L	99

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

