

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012920\
 Data File : VV014426.D
 Acq On : 29 Jan 2020 15:56
 Operator : SY/MD
 Sample : VSTD00532
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00532

Manual Integrations
 APPROVED

MMDadoda
 2/3/2020 10:37:45 AM

Quant Time: Jan 30 01:05:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 30 00:51:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	208869	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	193241	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91610	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59581	4.20	ug/L	0.00
7) Chloroethane-d5	1.58	69	40937	3.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	86598	4.19	ug/L	0.00
20) 2-Butanone-d5	3.95	46	124473	37.72	ug/L	0.00
24) Chloroform-d	4.40	84	132084	4.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	60035	4.37	ug/L	0.00
32) Benzene-d6	5.09	84	280575	4.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	83474	4.72	ug/L	0.00
41) Toluene-d8	7.35	98	260988	4.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	34487	4.46	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	131148	40.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	58015	4.71	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	84350	4.90	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	84099	5.307	ug/L 100
3) Chloromethane	1.25	50	61941	4.131	ug/L 100
5) Vinyl chloride	1.32	62	62562	4.430	ug/L 100
6) Bromomethane	1.53	94	20338	2.728	ug/L 100
8) Chloroethane	1.60	64	32253	4.096	ug/L 100
9) Trichlorofluoromethane	1.77	101	85719	5.015	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	44271	4.823	ug/L 100
12) 1,1-Dichloroethene	2.14	96	40282	4.464	ug/L 100
13) Acetone	2.21	43	58201	25.254	ug/L 83
14) Carbon disulfide	2.32	76	214209	5.147	ug/L 100
15) Methyl Acetate	2.47	43	20125	3.820	ug/L 100
16) Methylene chloride	2.53	84	72797	4.769	ug/L 100
17) Methyl tert-butyl Ether	2.80	73	150687	4.498	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	72505	5.156	ug/L 100
19) 1,1-Dichloroethane	3.23	63	133517	4.888	ug/L 100
21) 2-Butanone	4.04	43	147636m	42.604	ug/L
22) cis-1,2-Dichloroethene	3.96	96	79776	5.168	ug/L 100
23) Bromochloromethane	4.30	128	29093	4.994	ug/L 100
25) Chloroform	4.42	83	133099	5.047	ug/L 100
27) 1,2-Dichloroethane	5.18	62	72014	4.669	ug/L 100
29) 1,1,1-Trichloroethane	4.65	97	114554	4.986	ug/L 100
30) Cyclohexane	4.72	56	131860	5.195	ug/L 100
31) Carbon tetrachloride	4.87	117	96650	4.934	ug/L 100
33) Benzene	5.14	78	305868	5.114	ug/L 100
34) Trichloroethene	5.96	95	78632	5.105	ug/L 100
35) Methylcyclohexane	6.17	83	135092	5.368	ug/L 100
37) 1,2-Dichloropropane	6.22	63	73203	4.885	ug/L 100
38) Bromodichloromethane	6.55	83	91604	4.777	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	113154	4.721	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	414034	44.882	ug/L 100

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42) Toluene	7.43	91	320225	5.074	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	85020	4.660	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	48515	5.038	ug/L	100
47) Tetrachloroethene	8.02	164	55856	5.274	ug/L	100
48) 2-Hexanone	8.18	43	293427	46.042	ug/L	100
49) Dibromochloromethane	8.28	129	56535	4.703	ug/L	100
50) 1,2-Dibromoethane	8.39	107	45324	4.909	ug/L	100
51) Chlorobenzene	8.92	112	197226	5.076	ug/L	100
52) Ethylbenzene	9.05	91	358707	5.089	ug/L	100
53) m,p-xylene	9.18	106	136141	5.207	ug/L	100
54) o-xylene	9.58	106	131955	5.139	ug/L	100
55) Styrene	9.60	104	217006	5.017	ug/L	100
56) Isopropylbenzene	9.97	105	345720	5.176	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	57273	4.883	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	41573	4.704	ug/L	100
61) Bromoform	9.77	173	28342	4.663	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	149156	5.171	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	148500	5.181	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	134800	5.169	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	9849	4.262	ug/L	100
67) 1,3,5-Trichlorobenzene	12.68	180	107879	5.144	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	92628	5.059	ug/L	100
69) Naphthalene	13.54	128	164266	4.536	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	80198	5.001	ug/L	100

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

