

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032045.D
 Acq On : 16 May 2019 13:29
 Operator : JC/SP
 Sample : VSTD01009
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01009

Manual Integrations
 APPROVED

mohammad
 5/30/2019 8:15:33 AM

Quant Time: May 29 08:54:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 02:13:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	447688	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	456003	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213046	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	365847	8.72	ug/L	0.00
7) Chloroethane-d5	1.68	69	306404	9.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	595396	9.16	ug/L	0.00
20) 2-Butanone-d5	4.20	46	782440	86.93	ug/L	0.00
24) Chloroform-d	4.64	84	653351	9.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	328978	9.50	ug/L	0.00
32) Benzene-d6	5.33	84	1401041	9.56	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	407566	9.02	ug/L	0.00
41) Toluene-d8	7.56	98	1276872	10.04	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	157315	10.26	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	755486	102.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	331061	9.50	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	449196	9.62	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	213888	9.635 ug/L	97
3) Chloromethane	1.32	50	197039	7.821 ug/L	98
5) Vinyl chloride	1.40	62	217088	8.824 ug/L	99
6) Bromomethane	1.63	94	124412	9.511 ug/L	96
8) Chloroethane	1.69	64	123412	7.626 ug/L	100
9) Trichlorofluoromethane	1.88	101	272060	10.056 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	174219	9.828 ug/L	98
12) 1,1-Dichloroethene	2.28	96	175391	9.985 ug/L	89
13) Acetone	2.34	43	223864	79.226 ug/L	99
14) Carbon disulfide	2.47	76	548227	9.115 ug/L	98
15) Methyl Acetate	2.62	43	59399	7.212 ug/L	96
16) Methylene chloride	2.69	84	183867	8.897 ug/L	95
17) Methyl tert-butyl Ether	3.00	73	407581	9.490 ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	186714	9.652 ug/L	98
19) 1,1-Dichloroethane	3.43	63	296216	9.046 ug/L	98
21) 2-Butanone	4.29	43	362280	83.914 ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	183582	9.521 ug/L	96
23) Bromochloromethane	4.54	128	80151	9.661 ug/L	98
25) Chloroform	4.67	83	314466	9.370 ug/L	96
27) 1,2-Dichloroethane	5.40	62	190152	9.766 ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	256204	9.845 ug/L	97
30) Cyclohexane	4.98	56	246839	8.707 ug/L	98
31) Carbon tetrachloride	5.13	117	221922	10.032 ug/L	99
33) Benzene	5.38	78	699554	9.352 ug/L	100
34) Trichloroethene	6.18	95	182858	9.198 ug/L	97
35) Methylcyclohexane	6.41	83	278225	9.943 ug/L	98
37) 1,2-Dichloropropane	6.43	63	164693	8.780 ug/L	98
38) Bromodichloromethane	6.75	83	216402	9.537 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	255279	10.468 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	851189	85.865 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	769048	10.055	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	192695	10.055	ug/L	95
45) 1,1,2-Trichloroethane	8.06	97	127806	9.715	ug/L	96
47) Tetrachloroethene	8.22	164	138770	9.881	ug/L	96
48) 2-Hexanone	8.36	43	659831	88.142	ug/L	97
49) Dibromochloromethane	8.47	129	141208	9.859	ug/L	99
50) 1,2-Dibromoethane	8.58	107	117059	9.695	ug/L	99
51) Chlorobenzene	9.12	112	461568	9.829	ug/L	95
52) Ethylbenzene	9.24	91	773517	10.074	ug/L	100
53) m,p-Xylene	9.37	106	303697	10.712	ug/L	98
54) o-Xylene	9.77	106	288369	10.454	ug/L	97
55) Styrene	9.79	104	515216	11.485	ug/L	98
56) Isopropylbenzene	10.16	105	743405	10.606	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	152567	9.411	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	108160	9.484	ug/L	99
61) Bromoform	9.95	173	80417	9.904	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	338461	9.643	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	345005	9.640	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	342827	9.862	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	24019	9.920	ug/L	86
67) 1,3,5-Trichlorobenzene	12.88	180	265069	10.437	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	206564m	11.844	ug/L	
69) Naphthalene	13.74	128	324638	11.077	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	204517	11.485	ug/L	97

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

