

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032042.D
 Acq On : 16 May 2019 12:14
 Operator : JC/SP
 Sample : VSTD0.506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.506

Manual Integrations
 APPROVED

mohammad
 5/30/2019 8:15:25 AM

Quant Time: May 29 09:04:02 2019
 Quant Title :
 QLast Update : Wed May 29 09:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	414500	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	412896	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	174516	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	19414	0.50	ug/L	0.00
7) Chloroethane-d5	1.68	69	16285	0.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	28021	0.47	ug/L	0.00
20) 2-Butanone-d5	4.21	46	30144	3.62	ug/L	0.00
24) Chloroform-d	4.65	84	31765	0.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	17686	0.55	ug/L	0.00
32) Benzene-d6	5.34	84	63086	0.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	18447	0.45	ug/L	0.00
41) Toluene-d8	7.57	98	53096	0.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	6112	0.44	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	23178	3.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14748	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	18543	0.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	10933	0.532 ug/L	100
3) Chloromethane	1.32	50	11458	0.491 ug/L	91
5) Vinyl chloride	1.40	62	11415	0.501 ug/L	99
6) Bromomethane	1.63	94	6670	0.551 ug/L	95
8) Chloroethane	1.70	64	8397m	0.560 ug/L	
9) Trichlorofluoromethane	1.88	101	13167	0.526 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	9529	0.581 ug/L	97
12) 1,1-Dichloroethene	2.28	96	8858	0.545 ug/L	89
13) Acetone	2.34	43	13640	5.214 ug/L	97
14) Carbon disulfide	2.47	76	29006	0.521 ug/L	98
15) Methyl Acetate	2.63	43	4282	0.562 ug/L #	77
16) Methylene chloride	2.69	84	12858	0.672 ug/L	96
17) Methyl tert-butyl Ether	3.00	73	21512	0.541 ug/L	95
18) trans-1,2-Dichloroethene	2.97	96	9622	0.537 ug/L	98
19) 1,1-Dichloroethane	3.43	63	15227	0.502 ug/L #	91
21) 2-Butanone	4.31	43	14612	3.656 ug/L	78
22) cis-1,2-Dichloroethene	4.23	96	9413	0.527 ug/L	94
23) Bromochloromethane	4.55	128	4178	0.544 ug/L	93
25) Chloroform	4.67	83	16494	0.531 ug/L	85
27) 1,2-Dichloroethane	5.41	62	8745	0.485 ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	12937	0.549 ug/L	94
30) Cyclohexane	4.98	56	10492	0.409 ug/L	96
31) Carbon tetrachloride	5.13	117	10705	0.534 ug/L	95
33) Benzene	5.39	78	32063	0.473 ug/L	100
34) Trichloroethene	6.18	95	8961	0.498 ug/L	94
35) Methylcyclohexane	6.41	83	11794	0.466 ug/L	98
37) 1,2-Dichloropropane	6.43	63	8640	0.509 ug/L	98
38) Bromodichloromethane	6.76	83	9714	0.473 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	9155	0.415 ug/L	96
40) 4-Methyl-2-pentanone	7.47	43	31482	3.507 ug/L	93
42) Toluene	7.64	91	29672	0.428 ug/L	93

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44) trans-1,3-Dichloropropene	7.89	75	7757m	0.447	ug/L	
45) 1,1,2-Trichloroethane	8.07	97	5672	0.476	ug/L	89
47) Tetrachloroethene	8.22	164	6232	0.490	ug/L	85
48) 2-Hexanone	8.37	43	23973	3.537	ug/L	89
49) Dibromochloromethane	8.47	129	6368	0.491	ug/L	99
50) 1,2-Dibromoethane	8.59	107	5665	0.518	ug/L	89
51) Chlorobenzene	9.12	112	21434	0.504	ug/L	96
52) Ethylbenzene	9.25	91	30118	0.433	ug/L	98
53) m,p-Xylene	9.37	106	10604	0.413	ug/L	87
54) o-Xylene	9.78	106	10630	0.426	ug/L	92
55) Styrene	9.79	104	16231	0.400	ug/L	97
56) Isopropylbenzene	10.16	105	25793	0.406	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	7315	0.498	ug/L #	97
59) 1,2,3-Trichloropropane	10.49	75	4761	0.461	ug/L	97
61) Bromoform	9.96	173	3125	0.470	ug/L #	86
62) 1,3-Dichlorobenzene	11.42	146	14075	0.490	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	14078	0.480	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	13604	0.478	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.66	75	719	0.363	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.89	180	9221	0.443	ug/L	93
68) 1,2,4-trichlorobenzene	13.51	180	5911m	0.414	ug/L	
69) Naphthalene	13.76	128	6671m	0.278	ug/L	
70) 1,2,3-Trichlorobenzene	14.00	180	4838	0.332	ug/L #	92

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

