

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008089.D
 Acq On : 05 Oct 2018 10:51
 Operator : SY/MD
 Sample : VSTD0.569
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.569

Manual Integrations
 APPROVED

apatel
 10/9/2018 3:06:51 PM

Quant Time: Oct 06 00:20:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 00:00:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	54620	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	50331	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	23782	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1678	0.56	ug/L	0.00
7) Chloroethane-d5	1.59	69	1533	0.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	3366	0.51	ug/L	0.00
20) 2-Butanone-d5	3.97	46	3802	4.33	ug/L	0.00
24) Chloroform-d	4.40	84	3345m	0.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	1748	0.48	ug/L	0.00
32) Benzene-d6	5.10	84	6445	0.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	2168	0.56	ug/L	0.00
41) Toluene-d8	7.36	98	5904	0.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	615	0.42	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	2249	3.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	1358	0.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	2432	0.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	1794	0.404 ug/L	99
3) Chloromethane	1.25	50	1637	0.422 ug/L	93
5) Vinyl chloride	1.33	62	1678	0.400 ug/L	100
6) Bromomethane	1.54	94	889	0.360 ug/L	85
8) Chloroethane	1.60	64	1332	0.521 ug/L	84
9) Trichlorofluoromethane	1.78	101	3028	0.440 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1783	0.452 ug/L	93
12) 1,1-Dichloroethene	2.14	96	1437	0.411 ug/L	98
13) Acetone	2.21	43	3246	5.205 ug/L	96
14) Carbon disulfide	2.33	76	4123	0.438 ug/L #	88
15) Methyl Acetate	2.47	43	666	0.412 ug/L #	67
16) Methylene chloride	2.54	84	2249	0.574 ug/L	89
17) Methyl tert-butyl Ether	2.82	73	3721	0.428 ug/L #	72
18) trans-1,2-Dichloroethene	2.79	96	1719	0.446 ug/L	96
19) 1,1-Dichloroethane	3.23	63	3135	0.472 ug/L	93
21) 2-Butanone	4.05	43	4648	4.637 ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	1783	0.450 ug/L	97
23) Bromochloromethane	4.31	128	781	0.446 ug/L	91
25) Chloroform	4.43	83	3297	0.456 ug/L	94
27) 1,2-Dichloroethane	5.19	62	1855	0.406 ug/L #	89
29) 1,1,1-Trichloroethane	4.65	97	2778	0.465 ug/L	94
30) Cyclohexane	4.72	56	2169	0.395 ug/L	92
31) Carbon tetrachloride	4.87	117	2506	0.475 ug/L	98
33) Benzene	5.15	78	5844	0.413 ug/L	100
34) Trichloroethene	5.96	95	2038	0.505 ug/L	90
35) Methylcyclohexane	6.18	83	2477	0.414 ug/L	94
37) 1,2-Dichloropropane	6.23	63	1737	0.476 ug/L #	87
38) Bromodichloromethane	6.56	83	2089	0.478 ug/L #	94
39) cis-1,3-Dichloropropene	7.07	75	1837	0.378 ug/L	96
40) 4-Methyl-2-pentanone	7.29	43	8957	3.949 ug/L	96

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42) Toluene	7.43	91	5757	0.374	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	1397	0.347	ug/L #	76
45) 1,1,2-Trichloroethane	7.89	97	1174	0.444	ug/L	87
47) Tetrachloroethene	8.02	164	1683	0.451	ug/L	89
48) 2-Hexanone	8.20	43	5406	3.428	ug/L	96
49) Dibromochloromethane	8.30	129	1388	0.457	ug/L	83
50) 1,2-Dibromoethane	8.40	107	1080	0.451	ug/L #	86
51) Chlorobenzene	8.93	112	4367	0.410	ug/L	93
52) Ethylbenzene	9.06	91	6280	0.368	ug/L	96
53) m,p-xylene	9.18	106	2293	0.351	ug/L	88
54) o-xylene	9.59	106	2095	0.334	ug/L	90
55) Styrene	9.61	104	3335	0.310	ug/L	98
56) Isopropylbenzene	9.98	105	6014	0.354	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.29	83	1324	0.429	ug/L #	90
59) 1,2,3-Trichloropropane	10.32	75	974	0.432	ug/L	97
61) Bromoform	9.78	173	667	0.456	ug/L #	92
62) 1,3-Dichlorobenzene	11.23	146	3514	0.454	ug/L	88
63) 1,4-Dichlorobenzene	11.32	146	3539	0.439	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	3454	0.471	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	178	0.472	ug/L #	39
67) 1,3,5-Trichlorobenzene	12.70	180	2872	0.432	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	1827	0.329	ug/L	93
69) Naphthalene	13.56	128	2412	0.318	ug/L #	88
70) 1,2,3-Trichlorobenzene	13.80	180	1953	0.388	ug/L	92

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

