

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR110918\
 Data File : VR026215.D
 Acq On : 9 Nov 2018 11:13
 Operator : SY/MD
 Sample : VSTD0.581
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.581

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 2:06:27 PM

Quant Time: Nov 09 13:47:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 09 13:36:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	559802	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	469164	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	158259	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	24497	0.50	ug/L	0.00
7) Chloroethane-d5	2.62	69	21826	0.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.61	63	63703	0.53	ug/L	0.00
20) 2-Butanone-d5	6.59	46	15432	3.84	ug/L	0.01
24) Chloroform-d	7.20	84	39661	0.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.88	65	14848	0.46	ug/L	0.00
32) Benzene-d6	7.85	84	65250	0.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	18589	0.48	ug/L	0.00
41) Toluene-d8	9.97	98	55299	0.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	4305	0.42	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	8957	3.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	8158	0.53	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	11585	0.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	19593	0.521 ug/L	98
3) Chloromethane	2.01	50	37344	0.625 ug/L	98
5) Vinyl chloride	2.15	62	37709	0.634 ug/L	100
6) Bromomethane	2.52	94	23758	0.605 ug/L	98
8) Chloroethane	2.65	64	23761	0.645 ug/L	98
9) Trichlorofluoromethane	2.93	101	43968m	0.512 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	28173m	0.550 ug/L	
12) 1,1-Dichloroethene	3.62	96	33726	0.620 ug/L	97
13) Acetone	3.70	43	19420	4.670 ug/L	94
14) Carbon disulfide	3.93	76	82229	0.578 ug/L #	92
15) Methyl Acetate	4.19	43	5404	0.498 ug/L #	84
16) Methylene chloride	4.40	84	28655	0.580 ug/L	91
17) Methyl tert-butyl Ether	4.88	73	24726	0.500 ug/L #	84
18) trans-1,2-Dichloroethene	4.88	96	24343	0.591 ug/L	97
19) 1,1-Dichloroethane	5.68	63	45095	0.583 ug/L	94
21) 2-Butanone	6.69	43	20005	4.170 ug/L	96
22) cis-1,2-Dichloroethene	6.68	96	17725	0.455 ug/L #	94
23) Bromochloromethane	7.04	128	6706	0.614 ug/L #	93
25) Chloroform	7.23	83	42137	0.559 ug/L	98
27) 1,2-Dichloroethane	7.99	62	20476	0.555 ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	35770	0.558 ug/L	96
30) Cyclohexane	7.51	56	22231	0.345 ug/L #	93
31) Carbon tetrachloride	7.64	117	30861	0.529 ug/L	100
33) Benzene	7.91	78	86263	0.490 ug/L	100
34) Trichloroethene	8.71	95	22561	0.501 ug/L	92
35) Methylcyclohexane	8.95	83	23935	0.357 ug/L	95
37) 1,2-Dichloropropane	8.99	63	19027	0.512 ug/L #	90
38) Bromodichloromethane	9.28	83	20984	0.525 ug/L #	99
39) cis-1,3-Dichloropropene	9.72	75	18306	0.431 ug/L	91
40) 4-Methyl-2-pentanone	9.87	43	43312	3.818 ug/L	94

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42) Toluene	10.04	91	84102	0.453	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	11185	0.377	ug/L	88
45) 1,1,2-Trichloroethane	10.45	97	8411	0.537	ug/L #	92
47) Tetrachloroethene	10.51	164	14733	0.458	ug/L	93
48) 2-Hexanone	10.63	43	30922	4.174	ug/L #	89
49) Dibromochloromethane	10.79	129	9727	0.552	ug/L	79
50) 1,2-Dibromoethane	10.89	107	6730	0.497	ug/L #	70
51) Chlorobenzene	11.32	112	52470	0.510	ug/L	99
52) Ethylbenzene	11.39	91	97093	0.454	ug/L	96
53) m,p-Xylene	11.50	106	31091	0.399	ug/L	94
54) o-Xylene	11.83	106	27003	0.378	ug/L	95
55) Styrene	11.84	104	43492	0.396	ug/L	95
56) Isopropylbenzene	12.13	105	72947	0.368	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.39	83	8234	0.517	ug/L #	84
59) 1,2,3-Trichloropropane	12.44	75	6449	0.552	ug/L	89
61) Bromoform	12.00	173	3863	0.702	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	23219	0.442	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	29404	0.540	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	21215	0.503	ug/L #	90
66) 1,2-Dibromo-3-chloropropan	14.15	75	900	0.524	ug/L #	91
67) 1,3,5-Trichlorobenzene	14.29	180	14445	0.451	ug/L	95
68) 1,2,4-trichlorobenzene	14.79	180	7662	0.410	ug/L	98
69) Naphthalene	15.00	128	7039	0.388	ug/L #	94
70) 1,2,3-Trichlorobenzene	15.18	180	5337	0.411	ug/L	90

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

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