

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015617.D
 Acq On : 22 Apr 2020 13:20
 Operator : SY/MD
 Sample : VSTD0.535
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.535

Manual Integrations
 APPROVED

apatel
 4/23/2020 10:32:59 AM

Quant Time: Apr 23 01:04:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 00:28:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134281	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	62432	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	3689	0.53	ug/L	0.00
7) Chloroethane-d5	1.57	69	3607	0.56	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	8089	0.55	ug/L	0.00
20) 2-Butanone-d5	3.98	46	10210m	5.07	ug/L	0.05
24) Chloroform-d	4.38	84	8085	0.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	4800	0.57	ug/L	0.00
32) Benzene-d6	5.07	84	14641	0.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	4885	0.56	ug/L	0.00
41) Toluene-d8	7.34	98	13686	0.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	1712	0.46	ug/L	0.00
46) 2-Hexanone-d5	8.12	63	7494	4.13	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	3425	0.50	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	5620	0.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	5539	0.431 ug/L	99
3) Chloromethane	1.24	50	4759	0.395 ug/L	99
5) Vinyl chloride	1.32	62	5016	0.426 ug/L	96
6) Bromomethane	1.53	94	2002	0.321 ug/L	94
8) Chloroethane	1.59	64	3314	0.469 ug/L	96
9) Trichlorofluoromethane	1.76	101	7006	0.457 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3863	0.443 ug/L	92
12) 1,1-Dichloroethene	2.13	96	3660	0.441 ug/L	93
13) Acetone	2.23	43	7664m	5.420 ug/L	
14) Carbon disulfide	2.30	76	10232	0.370 ug/L	95
15) Methyl Acetate	2.47	43	1783	0.428 ug/L #	74
16) Methylene chloride	2.52	84	5333	0.545 ug/L	94
17) Methyl tert-butyl Ether	2.79	73	9828	0.439 ug/L #	92
18) trans-1,2-Dichloroethene	2.78	96	4119	0.444 ug/L	97
19) 1,1-Dichloroethane	3.21	63	7966	0.450 ug/L	99
21) 2-Butanone	4.06	43	10401m	4.533 ug/L	
22) cis-1,2-Dichloroethene	3.94	96	4512	0.464 ug/L	90
23) Bromochloromethane	4.28	128	1846	0.457 ug/L	86
25) Chloroform	4.40	83	8491	0.466 ug/L	99
27) 1,2-Dichloroethane	5.16	62	5654	0.480 ug/L #	89
29) 1,1,1-Trichloroethane	4.63	97	7261	0.450 ug/L	99
30) Cyclohexane	4.70	56	6849	0.409 ug/L	100
31) Carbon tetrachloride	4.85	117	5948	0.429 ug/L	100
33) Benzene	5.13	78	16377	0.443 ug/L	100
34) Trichloroethene	5.94	95	4612	0.461 ug/L	95
35) Methylcyclohexane	6.15	83	6535	0.397 ug/L	95
37) 1,2-Dichloropropane	6.20	63	4175	0.454 ug/L #	86
38) Bromodichloromethane	6.53	83	5255	0.434 ug/L #	95
39) cis-1,3-Dichloropropene	7.05	75	5262	0.381 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	26930	4.464 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	17284	0.432	ug/L	100
44) trans-1,3-Dichloropropene	7.68	75	4312	0.367	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	2890	0.464	ug/L	96
47) Tetrachloroethene	8.00	164	3330	0.453	ug/L	95
48) 2-Hexanone	8.17	43	18874	4.456	ug/L	98
49) Dibromochloromethane	8.27	129	2762	0.383	ug/L	99
50) 1,2-Dibromoethane	8.38	107	2481	0.419	ug/L #	95
51) Chlorobenzene	8.90	112	12176	0.476	ug/L	97
52) Ethylbenzene	9.04	91	19804	0.431	ug/L	100
53) m,p-xylene	9.16	106	6917	0.400	ug/L	95
54) o-xylene	9.57	106	6693	0.399	ug/L	93
55) Styrene	9.59	104	10858	0.385	ug/L	98
56) Isopropylbenzene	9.95	105	19662	0.427	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	3400	0.454	ug/L	91
59) 1,2,3-Trichloropropane	10.30	75	2779	0.487	ug/L	96
61) Bromoform	9.76	173	1072	0.316	ug/L #	93
62) 1,3-Dichlorobenzene	11.21	146	9581	0.481	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	9936	0.489	ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	8368	0.458	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	418	0.308	ug/L #	86
67) 1,3,5-Trichlorobenzene	12.67	180	7127	0.494	ug/L	95
68) 1,2,4-trichlorobenzene	13.29	180	6773	0.516	ug/L	96
69) Naphthalene	13.53	128	12648	0.519	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	6000	0.519	ug/L	97

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

