

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050520\
 Data File : VV015893.D
 Acq On : 05 May 2020 10:52
 Operator : SY/MD
 Sample : VSTD0.536
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.536

Manual Integrations
 APPROVED

apatel
 5/6/2020 10:38:46 AM

Quant Time: May 05 17:54:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 05 17:39:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	163237	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155735	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	77551	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	5216	0.59	ug/L	0.00
7) Chloroethane-d5	1.57	69	4987	0.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	10491	0.55	ug/L	0.00
20) 2-Butanone-d5	4.00	46	11591m	4.28	ug/L	0.04
24) Chloroform-d	4.38	84	9596	0.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	5727	0.51	ug/L	0.00
32) Benzene-d6	5.08	84	18880	0.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	5874	0.50	ug/L	0.00
41) Toluene-d8	7.34	98	17035	0.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	1991	0.43	ug/L	0.00
46) 2-Hexanone-d5	8.12	63	8628	3.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	4089	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	6616	0.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	6681	0.485 ug/L	100
3) Chloromethane	1.24	50	6866	0.561 ug/L	99
5) Vinyl chloride	1.32	62	6385	0.497 ug/L	95
6) Bromomethane	1.53	94	3579	0.614 ug/L	99
8) Chloroethane	1.59	64	4268	0.522 ug/L	97
9) Trichlorofluoromethane	1.76	101	8615	0.480 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4958	0.492 ug/L	99
12) 1,1-Dichloroethene	2.13	96	5050	0.539 ug/L	81
13) Acetone	2.25	43	7290m	3.935 ug/L	
14) Carbon disulfide	2.30	76	14540	0.527 ug/L	97
15) Methyl Acetate	2.47	43	1563	0.357 ug/L #	73
16) Methylene chloride	2.52	84	9901	0.847 ug/L	96
17) Methyl tert-butyl Ether	2.79	73	12309	0.470 ug/L	95
18) trans-1,2-Dichloroethene	2.78	96	5103	0.482 ug/L	97
19) 1,1-Dichloroethane	3.21	63	10002	0.486 ug/L	97
21) 2-Butanone	4.06	43	13693m	4.772 ug/L	
22) cis-1,2-Dichloroethene	3.94	96	5492	0.476 ug/L	98
23) Bromochloromethane	4.28	128	2210	0.465 ug/L	91
25) Chloroform	4.41	83	11115	0.504 ug/L	96
27) 1,2-Dichloroethane	5.16	62	6439	0.450 ug/L #	95
29) 1,1,1-Trichloroethane	4.63	97	8847	0.459 ug/L	96
30) Cyclohexane	4.70	56	8977	0.481 ug/L	95
31) Carbon tetrachloride	4.85	117	7743	0.482 ug/L	98
33) Benzene	5.13	78	19490	0.446 ug/L	100
34) Trichloroethene	5.94	95	5559	0.460 ug/L	97
35) Methylcyclohexane	6.15	83	9018	0.483 ug/L	98
37) 1,2-Dichloropropane	6.20	63	5252	0.473 ug/L #	95
38) Bromodichloromethane	6.53	83	6193	0.440 ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	6163	0.397 ug/L	96
40) 4-Methyl-2-pentanone	7.26	43	29523	4.098 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.41	91	20893	0.448	ug/L	98
44) trans-1,3-Dichloropropene	7.68	75	5456	0.420	ug/L	94
45) 1,1,2-Trichloroethane	7.87	97	3477	0.462	ug/L	97
47) Tetrachloroethene	8.00	164	4257	0.490	ug/L	91
48) 2-Hexanone	8.17	43	19431	3.800	ug/L	97
49) Dibromochloromethane	8.27	129	3387	0.429	ug/L	92
50) 1,2-Dibromoethane	8.38	107	3166	0.455	ug/L #	79
51) Chlorobenzene	8.90	112	13685	0.448	ug/L	89
52) Ethylbenzene	9.04	91	23357	0.433	ug/L	99
53) m,p-xylene	9.16	106	8682	0.438	ug/L	96
54) o-xylene	9.57	106	8346	0.437	ug/L	95
55) Styrene	9.59	104	13076	0.405	ug/L	96
56) Isopropylbenzene	9.95	105	22445	0.420	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	3771	0.429	ug/L #	91
59) 1,2,3-Trichloropropane	10.30	75	3081	0.438	ug/L	94
61) Bromoform	9.76	173	1335	0.409	ug/L #	85
62) 1,3-Dichlorobenzene	11.21	146	10953	0.456	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	10964	0.453	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	10097	0.465	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	768	0.543	ug/L #	60
67) 1,3,5-Trichlorobenzene	12.67	180	8115	0.455	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	6671	0.414	ug/L	97
69) Naphthalene	13.53	128	9860	0.341	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	5772	0.403	ug/L	96

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

