

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015413.D
 Acq On : 09 Apr 2020 11:51
 Operator : SY/MD
 Sample : VSTD0.534
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.534

Manual Integrations
 APPROVED

apatel
 4/10/2020 11:13:10 AM

Quant Time: Apr 10 03:50:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 02:18:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	120514	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	112485	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54950	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	2900	0.35	ug/L	0.00
7) Chloroethane-d5	1.58	69	2835	0.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	6332	0.34	ug/L	0.00
20) 2-Butanone-d5	3.99	46	6220m	3.20	ug/L	0.00
24) Chloroform-d	4.38	84	6321	0.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	3329	0.44	ug/L	0.00
32) Benzene-d6	5.08	84	11074	0.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	3317	0.41	ug/L	0.00
41) Toluene-d8	7.34	98	10532	0.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	1379	0.41	ug/L	0.00
46) 2-Hexanone-d5	8.12	63	6473	4.37	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	2695	0.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	4312	0.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	5822	0.512 ug/L	98
3) Chloromethane	1.24	50	5689	0.486 ug/L	92
5) Vinyl chloride	1.32	62	5538	0.458 ug/L	92
6) Bromomethane	1.53	94	2949	0.388 ug/L	99
8) Chloroethane	1.59	64	3284	0.458 ug/L	92
9) Trichlorofluoromethane	1.76	101	6834	0.396 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3958	0.369 ug/L	98
12) 1,1-Dichloroethene	2.13	96	3969	0.387 ug/L	91
13) Acetone	2.25	43	6956m	5.210 ug/L	
14) Carbon disulfide	2.31	76	12926	0.391 ug/L	100
15) Methyl Acetate	2.47	43	2314m	0.562 ug/L	
16) Methylene chloride	2.52	84	5160	0.423 ug/L	98
17) Methyl tert-butyl Ether	2.79	73	9986	0.426 ug/L	98
18) trans-1,2-Dichloroethene	2.77	96	4187	0.386 ug/L	98
19) 1,1-Dichloroethane	3.21	63	7915	0.419 ug/L	99
21) 2-Butanone	4.05	43	9708m	4.458 ug/L	
22) cis-1,2-Dichloroethene	3.94	96	4464	0.401 ug/L	99
23) Bromochloromethane	4.27	128	1809	0.396 ug/L	97
25) Chloroform	4.40	83	8581	0.405 ug/L	99
27) 1,2-Dichloroethane	5.16	62	5231	0.550 ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	7315	0.430 ug/L	98
30) Cyclohexane	4.70	56	7665	0.467 ug/L	97
31) Carbon tetrachloride	4.85	117	6292	0.429 ug/L	99
33) Benzene	5.13	78	16946	0.561 ug/L	100
34) Trichloroethene	5.94	95	4550	0.533 ug/L	97
35) Methylcyclohexane	6.15	83	7327	0.493 ug/L	98
37) 1,2-Dichloropropane	6.20	63	4071	0.558 ug/L	# 96
38) Bromodichloromethane	6.53	83	5552	0.553 ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	5955	0.519 ug/L	94
40) 4-Methyl-2-pentanone	7.26	43	26723	6.290 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	18082	0.506	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	4981	0.509	ug/L	87
45) 1,1,2-Trichloroethane	7.86	97	2733	0.503	ug/L	94
47) Tetrachloroethene	7.99	164	3173	0.505	ug/L	97
48) 2-Hexanone	8.17	43	17200	5.701	ug/L	98
49) Dibromochloromethane	8.27	129	3295	0.513	ug/L	93
50) 1,2-Dibromoethane	8.38	107	2618	0.507	ug/L #	93
51) Chlorobenzene	8.90	112	11938	0.517	ug/L	97
52) Ethylbenzene	9.03	91	20001	0.485	ug/L	95
53) m,p-xylene	9.16	106	7722	0.486	ug/L	96
54) o-xylene	9.57	106	7599	0.494	ug/L	97
55) Styrene	9.58	104	12264	0.482	ug/L	99
56) Isopropylbenzene	9.95	105	20128	0.488	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	3295	0.525	ug/L #	93
59) 1,2,3-Trichloropropane	10.30	75	2587	0.545	ug/L	90
61) Bromoform	9.75	173	1557	0.537	ug/L #	93
62) 1,3-Dichlorobenzene	11.21	146	8770	0.485	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	9290	0.512	ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	8304	0.514	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.46	75	607	0.519	ug/L	89
67) 1,3,5-Trichlorobenzene	12.67	180	6066	0.481	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	5737	0.515	ug/L	99
69) Naphthalene	13.53	128	10943	0.427	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	5115	0.533	ug/L	98

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

