

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050720\
 Data File : VV015939.D
 Acq On : 07 May 2020 14:46
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

apatel
 5/8/2020 12:58:04 PM

Quant Time: May 08 05:36:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 05:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144643	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142334	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66895	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39360	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.58	69	36741	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.12	63	63881	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.97	46	115575	51.63	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.26%
24) Chloroform-d	4.38	84	84157	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	51454	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.08	84	174207	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.10	67	55375	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.34	98	159950	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
45) trans-1,3-Dichloropropene-	7.65	79	20134	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
48) 2-Hexanone-d5	8.12	63	89892	50.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37809	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	60351	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	2797	0.252	ug/L	100
3) Chloromethane	1.24	50	3196	0.285	ug/L	94
5) Vinyl chloride	1.32	62	2897	0.270	ug/L #	61
6) Bromomethane	1.53	94	1814	0.298	ug/L	98
8) Chloroethane	1.60	64	2634	0.345	ug/L	84
9) Trichlorofluoromethane	1.76	101	3706	0.252	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2794	0.336	ug/L #	86
12) 1,1-Dichloroethene	2.13	96	2678	0.336	ug/L #	1
13) Acetone	2.26	43	2917m	1.976	ug/L	
14) Carbon disulfide	2.31	76	6715	0.256	ug/L #	90
16) Methylene chloride	2.52	84	3166	0.332	ug/L	96
17) Methyl tert-butyl Ether	2.79	73	5221	0.252	ug/L #	86
18) trans-1,2-Dichloroethene	2.78	96	2333	0.265	ug/L	93
19) 1,1-Dichloroethane	3.22	63	4677	0.276	ug/L	93
21) 2-Butanone	4.06	43	3373m	1.500	ug/L	
22) cis-1,2-Dichloroethene	3.94	96	2431	0.264	ug/L	99
23) Bromochloromethane	4.28	128	880	0.224	ug/L	91

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

25) Chloroform	4.40	83	12593	0.675	ug/L	97
27) 1,2-Dichloroethane	5.17	62	3352	0.292	ug/L #	93
29) 1,1,1-Trichloroethane	4.63	97	3811	0.243	ug/L	95
30) Cyclohexane	4.70	56	3830	0.243	ug/L	92
31) Carbon tetrachloride	4.85	117	3305	0.244	ug/L	99
33) Benzene	5.13	78	9720	0.271	ug/L	100
34) Trichloroethene	5.95	95	2608	0.255	ug/L	95
35) Methylcyclohexane	6.16	83	4196	0.271	ug/L	92
37) 1,2-Dichloropropane	6.21	63	2608	0.287	ug/L #	97
38) Bromodichloromethane	6.54	83	2793	0.242	ug/L #	91
39) cis-1,3-Dichloropropene	7.06	75	3294	0.256	ug/L	91
40) 4-Methyl-2-pentanone	7.26	43	12931	2.280	ug/L #	89
42) Toluene	7.41	91	9523	0.251	ug/L	95
43) 1,3,5-Trimethylbenzene	10.56	105	7105	0.204	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	7062	0.203	ug/L #	100
46) trans-1,3-Dichloropropene	7.69	75	2739	0.252	ug/L	90
47) 1,1,2-Trichloroethane	7.87	97	1560	0.257	ug/L	91
49) Tetrachloroethene	8.00	164	1794	0.252	ug/L	96
50) 2-Hexanone	8.17	43	16316	4.069	ug/L	95
51) Dibromochloromethane	8.27	129	1637	0.240	ug/L	99
52) 1,2-Dibromoethane	8.38	107	1496	0.265	ug/L #	93
53) Chlorobenzene	8.91	112	6374	0.261	ug/L	91
54) Ethylbenzene	9.04	91	10515	0.244	ug/L	100
55) m,p-xylene	9.16	106	3703	0.232	ug/L	94
56) o-xylene	9.57	106	3573	0.234	ug/L	91
57) Styrene	9.59	104	5496	0.215	ug/L	99
58) Isopropylbenzene	9.96	105	9515	0.227	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.27	83	1868	0.288	ug/L #	88
62) Bromoform	9.75	173	656	0.213	ug/L #	91
63) 1,3-Dichlorobenzene	11.21	146	4758	0.264	ug/L	94
64) 1,4-Dichlorobenzene	11.30	146	5170	0.286	ug/L	95
66) 1,2-Dichlorobenzene	11.67	146	4860	0.298	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	3802	0.289	ug/L	93
69) 1,2,4-trichlorobenzene	13.29	180	2991	0.264	ug/L	93
70) Naphthalene	13.53	128	4825	0.268	ug/L	97
71) 1,2,3-Trichlorobenzene	13.77	180	2538	0.254	ug/L #	94

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

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