

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050420\
 Data File : VV015876.D
 Acq On : 04 May 2020 11:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00554

Manual Integrations
 APPROVED

apatel
 5/5/2020 11:16:21 AM

Quant Time: May 05 01:07:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 04 12:13:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	131122	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	64734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32588	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.57	69	30408	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	69200	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	3.96	46	105964	48.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.32%
24) Chloroform-d	4.37	84	74315	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.06	65	41526	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.07	84	139938	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.09	67	43769	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.33	98	129056	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.64	79	17972	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.11	63	83581	46.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33768	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	48238	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	51747	4.608	ug/L	100
3) Chloromethane	1.24	50	47244	4.862	ug/L	98
5) Vinyl chloride	1.32	62	48402	4.664	ug/L	99
6) Bromomethane	1.53	94	26268	5.896	ug/L	98
8) Chloroethane	1.59	64	30823	4.523	ug/L	98
9) Trichlorofluoromethane	1.76	101	71794	4.930	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	41549	5.043	ug/L	98
12) 1,1-Dichloroethene	2.13	96	37563	4.922	ug/L	94
13) Acetone	2.27	43	75788m	49.606	ug/L	
14) Carbon disulfide	2.30	76	104857	4.860	ug/L	99
15) Methyl Acetate	2.46	43	16756	4.612	ug/L	99
16) Methylene chloride	2.52	84	51447	5.460	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	113967	5.320	ug/L	97
18) trans-1,2-Dichloroethene	2.77	96	43064	5.040	ug/L	98
19) 1,1-Dichloroethane	3.21	63	87602	5.221	ug/L	99
21) 2-Butanone	4.04	43	115312	48.932	ug/L	100
22) cis-1,2-Dichloroethene	3.94	96	46413	4.913	ug/L	97

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23) Bromochloromethane	4.27	128	19520	5.058	ug/L	97
25) Chloroform	4.40	83	92623	5.200	ug/L	98
27) 1,2-Dichloroethane	5.15	62	57215	4.889	ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	80897	5.143	ug/L	99
30) Cyclohexane	4.70	56	75203	5.004	ug/L	99
31) Carbon tetrachloride	4.85	117	68217	5.236	ug/L	98
33) Benzene	5.12	78	178919	5.049	ug/L	100
34) Trichloroethene	5.94	95	48671	4.973	ug/L	98
35) Methylcyclohexane	6.15	83	75313	5.014	ug/L	99
37) 1,2-Dichloropropane	6.20	63	45631	5.065	ug/L	98
38) Bromodichloromethane	6.53	83	61303	5.359	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	67582	5.382	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	311538	53.288	ug/L	99
42) Toluene	7.41	91	191445	5.056	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	57469	5.446	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	32268	5.256	ug/L	98
47) Tetrachloroethene	8.00	164	35256	5.003	ug/L	98
48) 2-Hexanone	8.16	43	229531	55.055	ug/L	99
49) Dibromochloromethane	8.27	129	36579	5.757	ug/L	100
50) 1,2-Dibromoethane	8.37	107	29961	5.277	ug/L	97
51) Chlorobenzene	8.90	112	126221	5.088	ug/L	99
52) Ethylbenzene	9.03	91	224919	5.132	ug/L	100
53) m,p-xylene	9.16	106	84603	5.271	ug/L	100
54) o-xylene	9.56	106	79929	5.146	ug/L	100
55) Styrene	9.58	104	138350	5.250	ug/L	96
56) Isopropylbenzene	9.95	105	226819	5.206	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	37313	5.204	ug/L	96
59) 1,2,3-Trichloropropane	10.30	75	29131	5.065	ug/L	99
61) Bromoform	9.75	173	16837	6.301	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	102274	4.992	ug/L	100
63) 1,4-Dichlorobenzene	11.30	146	103404	5.004	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	93239	5.032	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	6526	5.406	ug/L #	90
67) 1,3,5-Trichlorobenzene	12.67	180	75176	4.965	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	66853	4.798	ug/L	97
69) Naphthalene	13.53	128	117974	4.730	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	59888	4.870	ug/L	98

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

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