

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016168.D
 Acq On : 22 May 2020 13:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Quant Time: May 23 05:04:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 14:14:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	136488	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130952	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66303	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40862	5.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.40%
7) Chloroethane-d5	1.58	69	35392	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.12	63	90315	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.40%
20) 2-Butanone-d5	3.97	46	72150	34.16	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.32%
24) Chloroform-d	4.38	84	79731	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.06	65	38648	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	5.07	84	152411	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.09	67	44351	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.34	98	147709	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
45) trans-1,3-Dichloropropene-	7.64	79	16412	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
48) 2-Hexanone-d5	8.12	63	56396	34.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.78%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27618	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	47399	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	64275	6.146 ug/L	99
3) Chloromethane	1.25	50	59155	5.587 ug/L	99
5) Vinyl chloride	1.32	62	55607	5.492 ug/L	99
6) Bromomethane	1.53	94	28728	4.999 ug/L	99
8) Chloroethane	1.60	64	33159	4.596 ug/L	98
9) Trichlorofluoromethane	1.76	101	75163	5.412 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	46902	5.979 ug/L	100
12) 1,1-Dichloroethene	2.13	96	43475	5.788 ug/L	89
13) Acetone	2.27	43	47524	34.109 ug/L	97
14) Carbon disulfide	2.31	76	137594	5.549 ug/L	100
15) Methyl Acetate	2.47	43	14276	4.434 ug/L #	79
16) Methylene chloride	2.52	84	46157	5.136 ug/L	97
17) Methyl tert-butyl Ether	2.79	73	84899	4.350 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	45333	5.461 ug/L	99
19) 1,1-Dichloroethane	3.21	63	85123	5.324 ug/L	99
21) 2-Butanone	4.04	43	79387	37.413 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	45698	5.259 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	17548	4.731	ug/L	96
25) Chloroform	4.40	83	85943	4.881	ug/L	96
27) 1,2-Dichloroethane	5.16	62	49121	4.540	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	77414	5.361	ug/L	99
30) Cyclohexane	4.70	56	80523	5.564	ug/L	98
31) Carbon tetrachloride	4.85	117	66835	5.363	ug/L	99
33) Benzene	5.13	78	184863	5.611	ug/L	100
34) Trichloroethene	5.94	95	47439	5.045	ug/L	95
35) Methylcyclohexane	6.15	83	82391	5.792	ug/L	99
37) 1,2-Dichloropropane	6.20	63	44667	5.336	ug/L	100
38) Bromodichloromethane	6.53	83	54453	5.123	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	59362	5.018	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	216038	41.409	ug/L	100
42) Toluene	7.41	91	201142	5.760	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	185024	5.771	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	186689	5.827	ug/L #	100
46) trans-1,3-Dichloropropene	7.67	75	48508	4.854	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	26397	4.722	ug/L	98
49) Tetrachloroethene	8.00	164	37685	5.743	ug/L	98
50) 2-Hexanone	8.17	43	148403	40.223	ug/L	99
51) Dibromochloromethane	8.27	129	30491	4.855	ug/L	97
52) 1,2-Dibromoethane	8.38	107	24550	4.736	ug/L #	98
53) Chlorobenzene	8.90	112	123142	5.483	ug/L	99
54) Ethylbenzene	9.03	91	227134	5.720	ug/L	99
55) m,p-xylene	9.16	106	85843	5.838	ug/L	98
56) o-xylene	9.56	106	81123	5.771	ug/L	96
57) Styrene	9.58	104	133923	5.696	ug/L	99
58) Isopropylbenzene	9.95	105	222706	5.766	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	30101	5.039	ug/L	99
62) Bromoform	9.76	173	13250	4.350	ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	97802	5.475	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	97034	5.407	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	83333	5.154	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.45	75	4849	4.595	ug/L	96
68) 1,3,5-Trichlorobenzene	12.67	180	71291	5.459	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	56985	5.078	ug/L	99
70) Naphthalene	13.53	128	86482	4.845	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	48301	4.879	ug/L	100

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

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