

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015614.D
 Acq On : 21 Apr 2020 20:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

Quant Time: Apr 22 00:17:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	137280	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	133079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	68509	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37511	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	35066	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.12	63	82320	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.80%
20) 2-Butanone-d5	3.94	46	117034	58.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.04%
24) Chloroform-d	4.38	84	84922	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.06	65	46540	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.08	84	156310	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.09	67	48676	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.34	98	151799	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
43) trans-1,3-Dichloropropene-	7.64	79	17689	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.11	63	96483	50.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	36526	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	55215	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	63784	4.694	ug/L	99
3) Chloromethane	1.25	50	51181	3.955	ug/L	99
5) Vinyl chloride	1.32	62	57644	4.626	ug/L	97
6) Bromomethane	1.53	94	12760	1.853	ug/L	97
8) Chloroethane	1.59	64	35160	4.866	ug/L	90
9) Trichlorofluoromethane	1.76	101	83997	5.269	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	46328	5.145	ug/L	99
12) 1,1-Dichloroethene	2.13	96	43091	5.000	ug/L	89
13) Acetone	2.23	43	82610	58.464	ug/L #	55
14) Carbon disulfide	2.31	76	117943	3.926	ug/L	100
15) Methyl Acetate	2.46	43	21269	5.087	ug/L	96
16) Methylene chloride	2.52	84	49261	4.879	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	120254	5.221	ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	49020	5.048	ug/L	99
19) 1,1-Dichloroethane	3.21	63	95382	5.211	ug/L	98
21) 2-Butanone	4.02	43	136499	59.778	ug/L #	72
22) cis-1,2-Dichloroethene	3.94	96	51936	5.151	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	22190	5.290	ug/L	95
25) Chloroform	4.40	83	98324	5.248	ug/L	99
27) 1,2-Dichloroethane	5.16	62	64500	5.325	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	89837	5.203	ug/L	98
30) Cyclohexane	4.70	56	83914	4.578	ug/L	99
31) Carbon tetrachloride	4.85	117	71863	4.782	ug/L	99
33) Benzene	5.13	78	199150	5.000	ug/L	100
34) Trichloroethene	5.94	95	53875	5.025	ug/L	97
35) Methylcyclohexane	6.15	83	84043	4.653	ug/L	99
37) 1,2-Dichloropropane	6.20	63	51953	5.259	ug/L	99
38) Bromodichloromethane	6.53	83	63844	4.846	ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	66065	4.358	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	339919	52.401	ug/L	100
42) Toluene	7.41	91	215201	4.977	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	54950	4.286	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	34986	5.268	ug/L	99
47) Tetrachloroethene	8.00	164	38724	4.875	ug/L	97
48) 2-Hexanone	8.16	43	239170	52.769	ug/L	99
49) Dibromochloromethane	8.27	129	34887	4.386	ug/L	98
50) 1,2-Dibromoethane	8.37	107	32709	5.139	ug/L	96
51) Chlorobenzene	8.90	112	136482	4.951	ug/L	99
52) Ethylbenzene	9.03	91	247835	4.979	ug/L	99
53) m,p-xylene	9.16	106	91595	4.872	ug/L	98
54) o-xylene	9.57	106	88948	4.888	ug/L	98
55) Styrene	9.58	104	151691	4.960	ug/L	99
56) Isopropylbenzene	9.95	105	246387	4.939	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	41125	5.088	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	32712	5.356	ug/L	100
61) Bromoform	9.76	173	13337	3.319	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	110708	5.012	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	112267	4.995	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	102155	5.073	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	6640	4.309	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	80483	5.043	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	72113	5.016	ug/L	99
69) Naphthalene	13.53	128	129515	4.781	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	65217	5.135	ug/L	100

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

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