

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072619\
 Data File : VV012054.D
 Acq On : 26 Jul 2019 15:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00552

Quant Time: Jul 26 23:24:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 26 23:19:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137297	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	130335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71274	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28376	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.59	69	26263	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.13	63	68195	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	3.96	46	119035	57.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.14%
24) Chloroform-d	4.40	84	90591	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	51207	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.10	84	179540	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	53387	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	167736	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.66	79	21528	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.14	63	97208	57.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	41760	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	68908	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	73186	5.157 ug/L	99
3) Chloromethane	1.25	50	44195	5.367 ug/L	96
5) Vinyl chloride	1.33	62	45200	5.361 ug/L	94
6) Bromomethane	1.54	94	27820	5.610 ug/L	92
8) Chloroethane	1.60	64	25087	5.029 ug/L	99
9) Trichlorofluoromethane	1.77	101	86415	5.560 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	38165	5.463 ug/L	100
12) 1,1-Dichloroethene	2.14	96	34338	5.495 ug/L	90
13) Acetone	2.23	43	56936	50.638 ug/L	99
14) Carbon disulfide	2.32	76	91212	5.121 ug/L	99
15) Methyl Acetate	2.47	43	12500	5.092 ug/L	90
16) Methylene chloride	2.54	84	35429	5.056 ug/L	92
17) Methyl tert-butyl Ether	2.81	73	110959	5.204 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	50754	5.216 ug/L	100
19) 1,1-Dichloroethane	3.23	63	93671	5.450 ug/L	97
21) 2-Butanone	4.05	43	111352	51.625 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	53521	5.118 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	23277	5.414	ug/L	93
25) Chloroform	4.42	83	111585	5.376	ug/L	99
27) 1,2-Dichloroethane	5.18	62	63142	5.471	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	92303	5.533	ug/L	99
30) Cyclohexane	4.72	56	77060	4.890	ug/L	99
31) Carbon tetrachloride	4.87	117	82577	5.499	ug/L	100
33) Benzene	5.14	78	205066	5.349	ug/L	100
34) Trichloroethene	5.96	95	57376	5.389	ug/L	99
35) Methylcyclohexane	6.17	83	87631	5.288	ug/L	97
37) 1,2-Dichloropropane	6.22	63	48788	5.293	ug/L	98
38) Bromodichloromethane	6.55	83	66933	5.435	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	73487	5.379	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	276780	53.745	ug/L	100
42) Toluene	7.43	91	228566	5.554	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	57719	5.312	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	34913	5.485	ug/L	97
47) Tetrachloroethene	8.02	164	49073	5.341	ug/L	95
48) 2-Hexanone	8.19	43	195844	54.211	ug/L	98
49) Dibromochloromethane	8.29	129	43885	5.630	ug/L	96
50) 1,2-Dibromoethane	8.40	107	33299	5.540	ug/L	100
51) Chlorobenzene	8.92	112	147169	5.462	ug/L	100
52) Ethylbenzene	9.05	91	250573	5.335	ug/L	100
53) m,p-xylene	9.18	106	100016	5.594	ug/L	97
54) o-xylene	9.59	106	94583	5.579	ug/L	98
55) Styrene	9.60	104	160356	5.613	ug/L	97
56) Isopropylbenzene	9.97	105	259870	5.489	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	37745	5.471	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	29211	5.434	ug/L	100
61) Bromoform	9.77	173	24049	5.497	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	120153	5.154	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	123628	5.151	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	112316	5.233	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	6119	4.907	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	100546	5.157	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	79939	5.049	ug/L	98
69) Naphthalene	13.55	128	108142	4.529	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	71386	4.969	ug/L	98

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

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