

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015741.D
 Acq On : 27 Apr 2020 19:54
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00543

Quant Time: Apr 28 02:22:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134769	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130714	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	65782	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28347	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.58	69	28525	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.12	63	70573	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	3.93	46	119209	52.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.42%
24) Chloroform-d	4.38	84	78408	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.06	65	45649	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.08	84	145392	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.10	67	46974	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.34	98	139565	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.64	79	16794	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.11	63	92509	49.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	37078	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	53958	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	57491	4.981	ug/L 100
3) Chloromethane	1.25	50	50909	5.098	ug/L 100
5) Vinyl chloride	1.32	62	54867	5.144	ug/L 100
6) Bromomethane	1.53	94	18783	4.102	ug/L 100
8) Chloroethane	1.59	64	33945	4.846	ug/L 97
9) Trichlorofluoromethane	1.76	101	79920	5.339	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44138	5.212	ug/L 99
12) 1,1-Dichloroethene	2.13	96	40350	5.144	ug/L 94
13) Acetone	2.22	43	78846	50.211	ug/L 100
14) Carbon disulfide	2.31	76	108709	4.903	ug/L 100
15) Methyl Acetate	2.46	43	19645	5.260	ug/L 95
16) Methylene chloride	2.52	84	47694	4.925	ug/L 97
17) Methyl tert-butyl Ether	2.79	73	114878	5.217	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	45320	5.160	ug/L 98
19) 1,1-Dichloroethane	3.21	63	93093	5.398	ug/L 100
21) 2-Butanone	4.02	43	126545	52.245	ug/L 96
22) cis-1,2-Dichloroethene	3.94	96	49983	5.147	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	20889	5.267	ug/L	98
25) Chloroform	4.40	83	101070	5.521	ug/L	98
27) 1,2-Dichloroethane	5.16	62	63806	5.305	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	85115	5.135	ug/L	100
30) Cyclohexane	4.70	56	78381	4.949	ug/L	99
31) Carbon tetrachloride	4.86	117	69729	5.079	ug/L	100
33) Benzene	5.13	78	191470	5.127	ug/L	100
34) Trichloroethene	5.94	95	52077	5.049	ug/L	98
35) Methylcyclohexane	6.15	83	76550	4.836	ug/L	99
37) 1,2-Dichloropropane	6.20	63	48774	5.138	ug/L	100
38) Bromodichloromethane	6.53	83	61835	5.130	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	63784	4.820	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	317269	51.498	ug/L	100
42) Toluene	7.41	91	205234	5.143	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	52550	4.726	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	33681	5.206	ug/L	98
47) Tetrachloroethene	8.00	164	37213	5.011	ug/L	98
48) 2-Hexanone	8.16	43	225541	51.336	ug/L	100
49) Dibromochloromethane	8.27	129	34382	5.135	ug/L	95
50) 1,2-Dibromoethane	8.38	107	31407	5.249	ug/L	100
51) Chlorobenzene	8.90	112	132181	5.056	ug/L	99
52) Ethylbenzene	9.04	91	232063	5.025	ug/L	99
53) m,p-xylene	9.16	106	86388	5.107	ug/L	99
54) o-xylene	9.57	106	84581	5.168	ug/L	100
55) Styrene	9.58	104	143763	5.177	ug/L	99
56) Isopropylbenzene	9.95	105	229620	5.001	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	40006	5.295	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	30722	5.069	ug/L	98
61) Bromoform	9.75	173	14357	5.287	ug/L	96
62) 1,3-Dichlorobenzene	11.20	146	104433	5.016	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	106116	5.054	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	97290	5.167	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.46	75	5810	4.736	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	74542	4.845	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	67820	4.789	ug/L	98
69) Naphthalene	13.53	128	113912	4.495	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	60004	4.801	ug/L	100

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

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