

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041619\
 Data File : VL033590.D
 Acq On : 16 Apr 2019 12:48
 Operator : SY/AP
 Sample : VL0416ABSD01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0416ABSD01

Quant Time: Apr 17 06:42:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 16:00:50 2019
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	897533	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2247188	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2446600m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1817773	9.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.80%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.08	85	932571	7.124	ppbv 99
3) Chlorodifluoromethane	3.01	51	857618	8.300	ppbv 99
4) Chloromethane	3.17	50	458149	8.379	ppbv 96
5) Vinyl Chloride	3.29	62	464690	8.650	ppbv 99
6) Bromomethane	3.52	94	298100	8.634	ppbv 95
7) Chloroethane	3.60	64	177023	8.854	ppbv 98
8) Dichlorotetrafluoroethane	3.22	85	1157011	8.295	ppbv 99
9) Propene	3.04	41	370054	8.528	ppbv 98
10) Heptane	8.25	43	1010003	8.707	ppbv 100
11) Trichlorofluoromethane	4.00	101	1380168	8.555	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.55	101	944370	8.715	ppbv 99
13) Ethanol	3.65	45	124632	11.099	ppbv 64
14) Bromoethene	3.79	108	386755	8.949	ppbv 99
15) Acetone	3.90	43	891826	8.264	ppbv 99
16) 1,3-Butadiene	3.36	39	414484	9.683	ppbv 98
17) tert-Butyl alcohol	4.35	59	192147	9.684	ppbv 98
18) 1,1-Dichloroethene	4.35	96	417392	8.968	ppbv 97
19) Isopropyl Alcohol	4.02	45	693908	10.166	ppbv 100
20) Methylene Chloride	4.41	84	366881	8.009	ppbv 94
21) Allyl Chloride	4.48	41	613038	8.986	ppbv 100
22) trans-1,2-Dichloroethene	4.96	96	425877	8.770	ppbv 96
23) Vinyl Acetate	5.16	43	1401021	9.121	ppbv 99
24) 1,1-Dichloroethane	5.09	63	986118	8.451	ppbv 99
25) Ethyl Acetate	5.77	43	1680921	8.395	ppbv 99
26) Hexane	5.78	57	762750	8.567	ppbv 97
27) Carbon Disulfide	4.62	76	1037381	9.799	ppbv 98
28) Methyl tert-Butyl Ether	5.11	73	1180430	9.206	ppbv 100
29) Chloroform	5.85	83	1290206	8.454	ppbv 97
30) Cyclohexane	7.25	84	667414	9.476	ppbv 98
31) cis-1,2-Dichloroethene	5.64	61	785240	8.871	ppbv 98
32) 1,1,1-Trichloroethane	6.62	97	1295232	8.913	ppbv 100
34) 2-Butanone	5.33	43	1099437	8.143	ppbv 100
35) Carbon Tetrachloride	7.13	117	1417344	8.905	ppbv 98
36) Benzene	7.01	78	1629086	8.640	ppbv 98
37) 1,2-Dichloroethane	6.41	62	978929	7.746	ppbv 99
38) Trichloroethene	7.96	130	661758	9.326	ppbv 97
39) 1,2-Dichloropropane	7.74	63	609312	8.249	ppbv 100
40) 1,4-Dioxane	7.96	88	254543	9.662	ppbv 77
41) Tetrahydrofuran	6.15	42	628804	8.468	ppbv 97
42) Bromodichloromethane	7.92	83	1439817	8.364	ppbv 98
43) Methyl Methacrylate	8.14	69	659799	8.618	ppbv 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041619\
 Data File : VL033590.D
 Acq On : 16 Apr 2019 12:48
 Operator : SY/AP
 Sample : VL0416ABSD01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0416ABSD01

Quant Time: Apr 17 06:42:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 16:00:50 2019
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	2744202	8.329	ppbv	99
45) t-1,3-Dichloropropene	9.42	75	915969	9.744	ppbv	95
46) cis-1,3-Dichloropropene	8.84	75	1030348	9.386	ppbv	98
47) 1,1,2-Trichloroethane	9.62	97	696563	8.305	ppbv	98
48) Dibromochloromethane	10.45	129	1259839	8.905	ppbv	100
49) Bromoform	13.20	173	1158337	8.571	ppbv	100
50) 4-Methyl-2-Pentanone	8.87	43	1672991	8.462	ppbv	99
51) 2-Hexanone	10.27	43	1325364	8.987	ppbv #	99
52) Tetrachloroethene	11.37	164	633170	8.900	ppbv	94
53) Toluene	9.95	91	1961107	8.950	ppbv	100
54) 1,2-Dibromoethane	10.76	107	1112981	8.484	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.28	131	892066	7.956	ppbv #	56
57) Chlorobenzene	12.30	112	1489518	7.841	ppbv	97
58) Ethyl Benzene	12.87	91	2758410	8.443	ppbv	100
59) m/p-Xylene	13.13	91	4655030m	15.951	ppbv	
60) o-Xylene	13.85	91	2298664	8.145	ppbv	99
61) Styrene	13.69	104	1716982	8.865	ppbv	100
62) Isopropylbenzene	14.83	105	3241060	8.110	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.84	83	1592965	7.666	ppbv	100
64) n-propylbenzene	15.72	120	838479	8.269	ppbv	97
65) tert-Butylbenzene	16.91	119	2961548	8.410	ppbv	99
66) Benzyl Chloride	17.16	91	1696561	10.361	ppbv	99
67) sec-Butylbenzene	17.46	105	4161742	8.310	ppbv	99
69) p-Isopropyltoluene	17.82	119	3485444	8.548	ppbv	99
70) n-Butylbenzene	18.72	91	3637881	8.420	ppbv	100
71) 2-Chlorotoluene	15.62	91	2521316	8.297	ppbv	100
72) 4-Ethyltoluene	16.00	105	2727345	8.598	ppbv	99
73) 1,3,5-Trimethylbenzene	16.16	105	2596988	8.555	ppbv	97
74) 1,2,4-Trimethylbenzene	16.93	105	2708313	8.324	ppbv	98
75) 1,3-Dichlorobenzene	17.16	146	1617717	8.044	ppbv	99
76) 1,4-Dichlorobenzene	17.31	146	1617639	8.256	ppbv	100
77) 1,2-Dichlorobenzene	17.99	146	1562929	8.191	ppbv	100
78) Hexachloro-1,3-Butadiene	23.54	225	1184648	9.379	ppbv	99
79) Naphthalene	22.41	128	2654251	9.530	ppbv	99
80) Naphthalene, 2-methyl-	25.11	142	1218667	13.038	ppbv	98
81) 1,2,4-Trichlorobenzene	22.13	180	1377006	8.913	ppbv	100

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

