

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071218\
 Data File : VL032243.D
 Acq On : 13 Jul 2018 8:57
 Operator : SY/AP
 Sample : J3753-03DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EFFLUENTDUP

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 5:22:26 PM

Quant Time: Jul 13 09:46:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071218AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 13 2018
 QLast Update : Fri Jul 13 04:25:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1569428	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.38	114	3500200	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4108286	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3070456	9.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	35609	0.16	ppbv	92
3) Chlorodifluoromethane	3.06	51	80100m	0.42	ppbv	
4) Chloromethane	3.22	50	38364	0.35	ppbv	98
7) Chloroethane	3.66	64	50525	1.36	ppbv	95
9) Propene	3.09	41	189675	2.31	ppbv	95
10) Heptane	8.34	43	266801	1.14	ppbv	98
11) Trichlorofluoromethane	4.07	101	77815	0.36	ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.62	101	864251	6.26	ppbv	100
13) Ethanol	3.74	45	11410174	480.82	ppbv	98
15) Acetone	3.96	43	7836808	43.03	ppbv	99
17) tert-Butyl alcohol	4.46	59	1246272	14.66	ppbv	100
18) 1,1-Dichloroethene	4.42	96	201027	3.13	ppbv	96
19) Isopropyl Alcohol	4.13	45	7338711	61.37	ppbv #	26
20) Methylene Chloride	4.48	84	394479	6.39	ppbv	96
22) trans-1,2-Dichloroethene	5.04	96	59518	0.97	ppbv	89
24) 1,1-Dichloroethane	5.17	63	3146028	14.79	ppbv	99
26) Hexane	5.86	57	545415	3.32	ppbv #	61
30) Cyclohexane	7.33	84	95132	0.66	ppbv	92
31) cis-1,2-Dichloroethene	5.73	61	30060	0.18	ppbv	98
32) 1,1,1-Trichloroethane	6.71	97	17141328	69.60	ppbv	94
34) 2-Butanone	5.41	43	1667188	6.99	ppbv	100
36) Benzene	7.09	78	189274	0.54	ppbv	96
41) Tetrahydrofuran	6.24	42	94139	0.71	ppbv	94
44) 2,2,4-Trimethylpentane	8.08	57	1687893	2.82	ppbv	96
50) 4-Methyl-2-Pentanone	8.96	43	263603	0.64	ppbv	95
53) Toluene	10.04	91	2294049	5.58	ppbv	99
58) Ethyl Benzene	12.96	91	680745	1.14	ppbv	97
59) m/p-Xylene	13.21	91	1988844	4.04	ppbv	98
60) o-Xylene	13.94	91	816851	1.68	ppbv	99
61) Styrene	13.78	104	53629	0.15	ppbv	98
64) n-propylbenzene	15.82	120	44811m	0.26	ppbv	
69) p-Isopropyltoluene	17.91	119	1612877	2.48	ppbv	100
72) 4-Ethyltoluene	16.09	105	258440	0.47	ppbv	98
73) 1,3,5-Trimethylbenzene	16.25	105	211313	0.42	ppbv	99
74) 1,2,4-Trimethylbenzene	17.02	105	866073	1.67	ppbv #	70
79) Naphthalene	22.53	128	70205m	0.20	ppbv	

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

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