

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081820\
 Data File : VL035447.D
 Acq On : 18 Aug 2020 18:32
 Operator : SY/AP
 Sample : L3725-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-03

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 11:07:11 AM

Quant Time: Aug 19 10:58:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 19 10:58:48 2020
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1131081	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	5082908	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	5062973	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3703822	10.45	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	59705	0.285	ppbv	97
3) Chlorodifluoromethane	2.99	51	111325m	0.785	ppbv	
10) Heptane	8.15	43	31396	0.210	ppbv #	75
11) Trichlorofluoromethane	3.96	101	453085	1.377	ppbv	100
13) Ethanol	3.65	45	17213786	824.227	ppbv	88
15) Acetone	3.85	43	4297401	33.009	ppbv #	76
17) tert-Butyl alcohol	4.35	59	499407m	2.968	ppbv	
20) Methylene Chloride	4.36	84	650345	6.191	ppbv #	63
26) Hexane	5.70	57	365711	2.558	ppbv #	31
27) Carbon Disulfide	4.56	76	708966	3.431	ppbv #	87
29) Chloroform	5.77	83	607572	2.115	ppbv	100
34) 2-Butanone	5.26	43	730279	4.300	ppbv #	75
36) Benzene	6.91	78	106294	0.285	ppbv	95
38) Trichloroethene	7.85	130	15409	0.074	ppbv #	64
40) 1,4-Dioxane	7.87	88	11130m	0.166	ppbv	
41) Tetrahydrofuran	6.07	42	193721	2.068	ppbv #	83
44) 2,2,4-Trimethylpentane	7.89	57	48728m	0.100	ppbv	
50) 4-Methyl-2-Pentanone	8.77	43	365798	1.502	ppbv #	85
51) 2-Hexanone	10.17	43	59886	0.292	ppbv #	77
52) Tetrachloroethene	11.25	164	79867	0.351	ppbv #	77
53) Toluene	9.83	91	1168754	2.432	ppbv	99
58) Ethyl Benzene	12.74	91	329724	0.539	ppbv	96
59) m/p-Xylene	13.00	91	1115609	2.159	ppbv #	84
60) o-Xylene	13.73	91	419667	0.836	ppbv	89
61) Styrene	13.56	104	42765	0.105	ppbv	91
64) n-propylbenzene	15.60	120	59432	0.234	ppbv	75
65) tert-Butylbenzene	16.79	119	214358m	0.268	ppbv	
70) n-Butylbenzene	18.60	91	312111m	0.354	ppbv	
72) 4-Ethyltoluene	15.87	105	407979	0.619	ppbv #	93
73) 1,3,5-Trimethylbenzene	16.03	105	383554	0.626	ppbv	92
74) 1,2,4-Trimethylbenzene	16.80	105	1701842	2.554	ppbv #	70
79) Naphthalene	22.25	128	915911	0.976	ppbv	96
80) Naphthalene,2-methyl-	25.01	142	268958	0.694	ppbv	98

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

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