

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052319\
 Data File : VL033776.D
 Acq On : 23 May 2019 16:49
 Operator : SY/AP
 Sample : K2929-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3005-25

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:53:29 AM

Quant Time: May 24 05:23:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 17 2019
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	992998	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2577041	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2507105	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	2073181	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	75600	0.361	ppbv	92
3) Chlorodifluoromethane	3.01	51	21415m	0.188	ppbv	
4) Chloromethane	3.16	50	8993m	0.138	ppbv	
9) Propene	3.03	41	942969	19.491	ppbv	93
10) Heptane	8.24	43	419790	3.064	ppbv	98
11) Trichlorofluoromethane	4.00	101	145811	0.730	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.55	101	33796	0.242	ppbv	100
13) Ethanol	3.65	45	973935	62.284	ppbv	99
15) Acetone	3.89	43	7893207	57.291	ppbv	92
17) tert-Butyl alcohol	4.36	59	293514	2.635	ppbv	99
19) Isopropyl Alcohol	4.03	45	369541	4.160	ppbv #	94
20) Methylene Chloride	4.41	84	130029	2.451	ppbv	97
26) Hexane	5.77	57	361615	3.476	ppbv #	62
27) Carbon Disulfide	4.62	76	262064	1.836	ppbv	99
29) Chloroform	5.85	83	18773m	0.098	ppbv	
30) Cyclohexane	7.24	84	49101	0.561	ppbv #	88
32) 1,1,1-Trichloroethane	6.61	97	11018m	0.058	ppbv	
34) 2-Butanone	5.32	43	1522860	9.534	ppbv	98
35) Carbon Tetrachloride	7.12	117	5665m	0.027	ppbv	
36) Benzene	7.00	78	429880	1.834	ppbv	96
38) Trichloroethene	7.95	130	2999	0.034	ppbv #	38
44) 2,2,4-Trimethylpentane	7.98	57	165931	0.419	ppbv #	66
50) 4-Methyl-2-Pentanone	8.87	43	97942m	0.399	ppbv	
51) 2-Hexanone	10.26	43	297418	1.551	ppbv #	95
52) Tetrachloroethene	11.37	164	19923	0.242	ppbv	85
53) Toluene	9.94	91	6192050	24.490	ppbv	98
58) Ethyl Benzene	12.85	91	1460987	4.401	ppbv	100
59) m/p-Xylene	13.11	91	4927228	16.977	ppbv	96
60) o-Xylene	13.84	91	1592809	5.444	ppbv	98
61) Styrene	13.68	104	50949m	0.259	ppbv	
62) Isopropylbenzene	14.81	105	100835	0.256	ppbv	98
64) n-propylbenzene	15.71	120	100427	0.985	ppbv	95
65) tert-Butylbenzene	16.92	119	139047	0.387	ppbv #	68
70) n-Butylbenzene	18.72	91	137931	0.309	ppbv #	67
72) 4-Ethyltoluene	15.99	105	547598	1.637	ppbv	100
73) 1,3,5-Trimethylbenzene	16.15	105	369584	1.132	ppbv	99
74) 1,2,4-Trimethylbenzene	16.92	105	1250314	3.520	ppbv #	75
75) 1,3-Dichlorobenzene	17.15	146	49734m	0.228	ppbv	
79) Naphthalene	22.42	128	100963m	0.306	ppbv	

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QLast Update : Fri May 17 08:15:41 2019
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

