

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100820\
 Data File : VL035745.D
 Acq On : 8 Oct 2020 14:56
 Operator : SY/AP
 Sample : L4275-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BFI-EFFLUENT-TANK

Manual Integrations
 APPROVED

apatel
 10/12/2020 10:29:37 AM

Quant Time: Oct 10 11:35:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1024925	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3853817	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3800691	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2975532	10.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	60345	0.359	ppbv	93
3) Chlorodifluoromethane	2.98	51	1620209	14.694	ppbv	91
4) Chloromethane	3.14	50	42300m	0.714	ppbv	
5) Vinyl Chloride	3.25	62	413489	5.902	ppbv	98
7) Chloroethane	3.56	64	1388689	54.044	ppbv	98
9) Propene	3.01	41	34848	0.870	ppbv	93
11) Trichlorofluoromethane	3.95	101	64250	0.268	ppbv	98
13) Ethanol	3.61	45	24780	2.510	ppbv	100
15) Acetone	3.85	43	489503	4.439	ppbv	95
17) tert-Butyl alcohol	4.31	59	33433	0.278	ppbv	99
18) 1,1-Dichloroethene	4.29	96	30023	0.383	ppbv	87
19) Isopropyl Alcohol	3.98	45	16118	0.269	ppbv #	89
20) Methylene Chloride	4.34	84	393627	4.859	ppbv	96
24) 1,1-Dichloroethane	5.01	63	3228142	21.940	ppbv	99
26) Hexane	5.69	57	47700	0.439	ppbv #	51
29) Chloroform	5.76	83	27854	0.126	ppbv	93
30) Cyclohexane	7.14	84	76247	0.711	ppbv #	84
31) cis-1,2-Dichloroethene	5.55	61	1313381	12.511	ppbv	99
32) 1,1,1-Trichloroethane	6.52	97	126807	0.651	ppbv	99
34) 2-Butanone	5.26	43	41375	0.325	ppbv	95
35) Carbon Tetrachloride	7.02	117	15351	0.076	ppbv #	89
36) Benzene	6.90	78	7708555	30.697	ppbv #	87
37) 1,2-Dichloroethane	6.31	62	253635	1.938	ppbv	100
38) Trichloroethene	7.84	130	16079	0.128	ppbv	88
52) Tetrachloroethene	11.24	164	6252	0.052	ppbv #	84
53) Toluene	9.83	91	16041084	54.172	ppbv #	76
57) Chlorobenzene	12.17	112	1024448	3.569	ppbv	97
58) Ethyl Benzene	12.73	91	2364266	6.198	ppbv	95
59) m/p-Xylene	12.99	91	13109491	39.352	ppbv	92
60) o-Xylene	13.72	91	10361781	30.748	ppbv	89
62) Isopropylbenzene	14.69	105	2489247	4.762	ppbv	95
64) n-propylbenzene	15.59	120	1057253	6.911	ppbv	84
67) sec-Butylbenzene	17.32	105	300011	0.457	ppbv	92
69) p-Isopropyltoluene	17.68	119	249646	0.468	ppbv #	72
72) 4-Ethyltoluene	15.87	105	10228321	25.622	ppbv #	90
73) 1,3,5-Trimethylbenzene	16.03	105	11329975	30.033	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.80	105	17279878	40.634	ppbv #	70
76) 1,4-Dichlorobenzene	17.17	146	178985	0.645	ppbv	97
77) 1,2-Dichlorobenzene	17.85	146	194730	0.710	ppbv	99
79) Naphthalene	22.24	128	204833	0.505	ppbv	97
80) Naphthalene,2-methyl-	25.00	142	13939	0.146	ppbv #	82

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

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