

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100820\
 Data File : VL035746.D
 Acq On : 8 Oct 2020 15:36
 Operator : SY/AP
 Sample : L4275-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 BFI-EFFLUENT-TANKDUP

Manual Integrations
 APPROVED

apatel
 10/12/2020 10:29:49 AM

Quant Time: Oct 09 01:51:36 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	1074003	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4134860	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4006439	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3076202	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	61573	0.349	ppbv	98
3) Chlorodifluoromethane	2.98	51	1519953	13.155	ppbv	96
4) Chloromethane	3.15	50	56417m	0.909	ppbv	
5) Vinyl Chloride	3.25	62	459304	6.256	ppbv	97
7) Chloroethane	3.55	64	1543636	57.329	ppbv	98
9) Propene	3.00	41	39587	0.944	ppbv	93
11) Trichlorofluoromethane	3.95	101	64517	0.257	ppbv	85
13) Ethanol	3.61	45	30911	2.988	ppbv	99
15) Acetone	3.85	43	530746	4.593	ppbv	93
17) tert-Butyl alcohol	4.31	59	41643	0.331	ppbv	99
18) 1,1-Dichloroethene	4.29	96	34100	0.416	ppbv	94
19) Isopropyl Alcohol	3.98	45	21605	0.344	ppbv #	89
20) Methylene Chloride	4.34	84	411925	4.853	ppbv	97
24) 1,1-Dichloroethane	5.01	63	3511034	22.773	ppbv	99
26) Hexane	5.69	57	54716	0.480	ppbv #	53
29) Chloroform	5.75	83	31641	0.137	ppbv	95
30) Cyclohexane	7.14	84	95428	0.849	ppbv #	86
31) cis-1,2-Dichloroethene	5.55	61	1466331	13.330	ppbv	100
32) 1,1,1-Trichloroethane	6.52	97	144104	0.706	ppbv	99
34) 2-Butanone	5.26	43	57913	0.423	ppbv	100
35) Carbon Tetrachloride	7.02	117	16531	0.077	ppbv	90
36) Benzene	6.90	78	8129644	30.174	ppbv #	86
37) 1,2-Dichloroethane	6.31	62	289392	2.061	ppbv	99
38) Trichloroethene	7.84	130	20957	0.156	ppbv	90
52) Tetrachloroethene	11.24	164	7690m	0.059	ppbv	
53) Toluene	9.83	91	16397306	51.612	ppbv #	76
57) Chlorobenzene	12.17	112	1111843	3.674	ppbv	97
58) Ethyl Benzene	12.73	91	2590491	6.442	ppbv	95
59) m/p-Xylene	12.99	91	13530855	38.531	ppbv	91
60) o-Xylene	13.72	91	10622845	29.904	ppbv	88
62) Isopropylbenzene	14.69	105	2675633	4.856	ppbv	96
64) n-propylbenzene	15.59	120	1132988	7.026	ppbv	87
67) sec-Butylbenzene	17.33	105	327850	0.474	ppbv	94
69) p-Isopropyltoluene	17.68	119	288722m	0.513	ppbv	
72) 4-Ethyltoluene	15.87	105	10473883	24.889	ppbv #	90
73) 1,3,5-Trimethylbenzene	16.03	105	11578417	29.116	ppbv #	83
74) 1,2,4-Trimethylbenzene	16.80	105	17544046	39.136	ppbv #	70
76) 1,4-Dichlorobenzene	17.17	146	197832	0.676	ppbv	97
77) 1,2-Dichlorobenzene	17.85	146	214466	0.742	ppbv	97
79) Naphthalene	22.23	128	234877	0.549	ppbv	98
80) Naphthalene,2-methyl-	25.00	142	15853	0.157	ppbv #	80

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

