Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052421\

Quantitation Report (QT Reviewed)

Data File : VL037046.D
Acq On : 24 May 2021 12:28
Operator : SY/AP
Sample : VL0524ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0524ABS01

Manual Integrations APPROVED
MMDadoda
5/25/2021 6:00:24 PM

Quant Time: May 25 02:17:35 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 1
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1333199	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3939351	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3830175m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2828070	9.83	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	2101199	9.290	ppbv	100
3) Chlorodifluoromethane	2.97	51	2557949	10.473	ppbv	98
4) Chloromethane	3.12	50	869192	10.458	ppbv	98
5) Vinyl Chloride	3.24	62	939129	10.337	ppbv	97
6) Bromomethane	3.46	94	533001	11.134	ppbv	98
7) Chloroethane	3.54	64	340965	11.559	ppbv	98
8) Dichlorotetrafluoroethane	3.17	85	2359260	11.110	ppbv	98
9) Propene	2.99	41	872090	9.971	ppbv	99
10) Heptane	8.10	43	2176381	9.985	ppbv	99
11) Trichlorofluoromethane	3.93	101	2434514	11.629	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1692487	11.350	ppbv	98
13) Ethanol	3.59	45	87927	7.535	ppbv	86
14) Bromoethene	3.72	108	747364	11.379	ppbv	99
15) Acetone	3.83	43	1243653	9.107	ppbv	96
16) 1,3-Butadiene	3.31	39	928384	10.943	ppbv	98
17) tert-Butyl alcohol	4.27	59	1286124	10.282	ppbv	99
18) 1,1-Dichloroethene	4.27	96	758448	11.000	ppbv	95
19) Isopropyl Alcohol	3.95	45	706922	9.630	ppbv #	34
20) Methylene Chloride	4.32	84	659539	9.010	ppbv	97
21) Allyl Chloride	4.39	41	1056024	10.251	ppbv	93
22) trans-1,2-Dichloroethene	4.86	96	764573	11.570	ppbv	98
23) Vinyl Acetate	5.05	43	2265395	10.452	ppbv	99
24) 1,1-Dichloroethane	4.99	63	1768374	11.335	ppbv	99
25) Ethyl Acetate	5.65	43	3342949	10.188	ppbv	100
26) Hexane	5.66	57	1635282	9.755	ppbv	99
27) Carbon Disulfide	4.53	76	1786151	10.572	ppbv	100
28) Methyl tert-Butyl Ether	5.01	73	2103337	10.468	ppbv	99
29) Chloroform	5.73	83	2572896	10.864	ppbv	99
30) Cyclohexane	7.10	84	1462614	10.267	ppbv	98
31) cis-1,2-Dichloroethene	5.53	61	1611984	10.726	ppbv	97
32) 1,1,1-Trichloroethane	6.49	97	2669794	10.498	ppbv	99
34) 2-Butanone	5.22	43	1566461	10.921	ppbv	99
35) Carbon Tetrachloride	6.99	117	2806144	10.721	ppbv	100
36) Benzene	6.87	78	3423239	10.089	ppbv	99
37) 1,2-Dichloroethane	6.28	62	1912116	11.366	ppbv	99
38) Trichloroethene	7.81	130	1427866	9.837	ppbv	97
39) 1,2-Dichloropropane	7.59	63	1303566	9.973	ppbv	96
40) 1,4-Dioxane	7.81	88	304968m	9.881	ppbv	
41) Tetrahydrofuran	6.03	42	810004	9.915	ppbv	99
42) Bromodichloromethane	7.77	83	2775297	10.905	ppbv	100
43) Methyl Methacrylate	7.99	69	1254552	10.727	ppbv	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052421\

Quantitation Report (QT Reviewed)

Data File : VL037046.D
Acq On : 24 May 2021 12:28
Operator : SY/AP
Sample : VL0524ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0524ABS01

Manual Integrations APPROVED
MMDadoda
5/25/2021 6:00:24 PM

Quant Time: May 25 02:17:35 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 1
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.84	57	5598611	9.617	ppbv		99
45) t-1,3-Dichloropropene	9.25	75	975637	10.919	ppbv		98
46) cis-1,3-Dichloropropene	8.68	75	1267223	10.544	ppbv		98
47) 1,1,2-Trichloroethane	9.45	97	1439068	10.519	ppbv		99
48) Dibromochloromethane	10.28	129	2537355	11.455	ppbv		100
49) Bromoform	13.01	173	2128537	11.635	ppbv		99
50) 4-Methyl-2-Pentanone	8.72	43	2422071	10.233	ppbv		100
51) 2-Hexanone	10.11	43	1316740	10.523	ppbv	#	96
52) Tetrachloroethene	11.19	164	1390095	10.302	ppbv		97
53) Toluene	9.78	91	4095000	10.143	ppbv		98
54) 1,2-Dibromoethane	10.58	107	2113567	10.867	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.10	131	1719359	10.669	ppbv	#	61
57) Chlorobenzene	12.12	112	3085368	10.389	ppbv		98
58) Ethyl Benzene	12.68	91	5440565	10.064	ppbv		100
59) m/p-Xylene	12.97	91	9078751m	20.317	ppbv		
60) o-Xylene	13.67	91	4321107	10.139	ppbv		99
61) Styrene	13.50	104	2559711	10.661	ppbv		99
62) Isopropylbenzene	14.64	105	6114026	9.982	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.65	83	2953885	9.281	ppbv		100
64) n-propylbenzene	15.54	120	1666526	10.546	ppbv		99
65) tert-Butylbenzene	16.72	119	5568949	10.076	ppbv		99
66) Benzyl Chloride	16.96	91	255075	8.318	ppbv		98
67) sec-Butylbenzene	17.27	105	7512130	9.964	ppbv		99
69) p-Isopropyltoluene	17.63	119	6657825	10.270	ppbv		99
70) n-Butylbenzene	18.53	91	6458775	10.488	ppbv		99
71) 2-Chlorotoluene	15.43	91	4502869	10.179	ppbv		99
72) 4-Ethyltoluene	15.81	105	5372362	10.621	ppbv		100
73) 1,3,5-Trimethylbenzene	15.97	105	4910368	10.338	ppbv		99
74) 1,2,4-Trimethylbenzene	16.74	105	5109742	10.404	ppbv		98
75) 1,3-Dichlorobenzene	16.97	146	3157833	10.530	ppbv		99
76) 1,4-Dichlorobenzene	17.11	146	3089792	10.190	ppbv		100
77) 1,2-Dichlorobenzene	17.79	146	3118936	10.379	ppbv		100
78) Hexachloro-1,3-Butadiene	23.35	225	2260377	9.354	ppbv		100
79) Naphthalene	22.17	128	4537413	11.775	ppbv		99
80) Naphthalene,2-methyl-	24.95	142	1065032	12.710	ppbv		95
81) 1,2,4-Trichlorobenzene	21.90	180	2591955	11.034	ppbv		99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052421\

Quantitation Report (QT Reviewed)

Data File : VL037046.D
Acq On : 24 May 2021 12:28
Operator : SY/AP
Sample : VL0524ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 25 02:17:35 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01

Manual Integrations APPROVED
MMDadoda
5/25/2021 6:00:24 PM